



**Department of Health
and Human Services**
Health Resources and Services
Administration

*1997 Report of
Center Specific Graft
and Patient Survival Rates*

Volume 2



UNOS

United Network for Organ Sharing

Kidney
Lung
Liver
Pancreas
Heart-Lung
Heart
Kidney
Lung
Liver
Pancreas
Heart-Lung
Heart

RD120.63

.U5

R46

1997

Kidney Volume 2

v.2

**1997 REPORT
OF
CENTER SPECIFIC
GRAFT AND PATIENT
SURVIVAL RATES**

KIDNEY VOLUME 2

**This report was prepared by the United Network for Organ Sharing (UNOS)
and was funded in part by the U.S. Department of Health and Human Services,
Health Resources and Services Administration, Office of Special Programs,
Division of Transplantation;
under contract numbers 240-97-0001 and 240-97-0002,
for the operation of the Organ Procurement and Transplantation Network
and the U.S. Scientific Registry of Transplant Recipients**

This report will be available on UNOS world wide web

www.unos.org

**International Standard Book Numbers (ISBN) 1-886651-14-0 (complete set)
and 1-886651-16-7 (Executive Summary)
International Standard Serial Number (ISSN) 1079-3666**

III. PROGRAM SPECIFIC DATA

Index of Kidney Transplant Programs

<u>Center Code</u>	<u>Provider #</u>	<u>Institution</u>	<u>Page</u>
ALUA	010033	University of Alabama Hospital, Birmingham, AL	1-a
ARBH	040114 *	Baptist Medical Center, Little Rock, AR	2-a
ARCH	040117 *	Arkansas Children's Hospital, Little Rock, AR	3-a
ARUA	040016	The University Hospital of Arkansas, Little Rock, AR	4-a
AZGS	030002	Good Samaritan Regional Medical Center, Phoenix, AZ	5-a
AZHH	030008	Columbia Medical Center, Phoenix, AZ	6-a
AZSJ	030024	St. Joseph's Hospital Medical Center, Phoenix, AZ	7-a
AZTV	03013F	VA Medical Center, Tucson, AZ	8-a
AZUA	030064	University Medical Center, Tucson, AZ	9-a
CABE	050129	St. Bernardine Medical Center, San Bernardino, CA	10-a
CABH	050305 *	Alta Bates Medical Center, Berkeley, CA	11-a
CACL	053302	Children's Hospital, Los Angeles, CA	12-a
CACS	050625	Cedars-Sinai Medical Center, Los Angeles, CA	13-a
CAGH	050424	Green Hospital of Scripps Clinic, La Jolla, CA	14-a
CAIM	050348 *	University of California - Irvine Medical Center, Orange, CA	15-a
CALA	050376	Harbor-UCLA Medical Center, Torrance, CA	16-a
CALB	050191	St. Mary Medical Center, Long Beach, CA	17-a
CALL	050327 *	Loma Linda University Medical Center, Loma Linda, CA	18-a
CAMH	050174	Santa Rosa Memorial Hospital, Santa Rosa, CA	19-a
CAPM	050047 *	California Pacific Medical Center, San Francisco, CA	20-a
CASB	050245 *	San Bernardino Co. Medical Center, San Bernardino, CA	21-a
CASC	050373	USC Medical Center-L.A. County, Los Angeles, CA	22-a
CASD	050025	UCSD Medical Center, San Diego, CA	23-a
CASF	050454	UCSF Medical Center, San Francisco, CA	24-a
CASG	050108	Sutter Memorial Hospital, Sacramento, CA	25-a
CASH	050100 *	Sharp Memorial Hospital, San Diego, CA	26-a
CASJ	050069 *	St. Joseph Hospital, Orange, CA	27-a
CASM	050599	University of California-Davis Medical Center, Sacramento, CA	28-a
CASU	050441 *	Stanford University Medical Center, Palo Alto, CA	29-a
CASV	050502	St. Vincent Medical Center, Los Angeles, CA	30-a
CAUC	050262 *	UCLA Medical Center, Los Angeles, CA	31-a
CAUH	050696	USC - University Hospital, Los Angeles, CA	32-a
CAWM	050065 *	Western Medical Center, Santa Ana, CA	33-a
COCH	063301	The Children's Hospital, Denver, CO	34-a
COPM	060064 *	Porter Memorial Hospital, Denver, CO	35-a
COSL	060014 *	Columbia Presbyterian /St. Luke's Medical Center, Denver, CO	36-a
COUC	060024	University Hospital, Denver, CO	37-a
CTHH	070025	Hartford Hospital, Hartford, CT	38-a
CTYN	070022	Yale New Haven Hospital, New Haven, CT	39-a
DCCH	093300 *	Children's National Medical Center, Washington, DC	40-a
DCGU	090004	Georgetown University Medical Center, Washington, DC	41-a
DCGW	090001	George Washington University Medical Center, Washington, DC	42-a
DCHU	090003 *	Howard University Hospital, Washington, DC	43-a
DCWH	090011 *	Washington Hospital Center, Washington, DC	44-a
DCWR	09003F *	Walter Reed Army Medical Center, Washington, DC	45-a

* Transplant program submitted a narrative.

Index of Kidney Transplant Programs

<u>Center Code</u>	<u>Provider #</u>	<u>Institution</u>	<u>Page</u>
DEAI	083300	Alfred I. Dupont Institute, Wilmington, DE	46-a
FLAC	103300 *	All Children's Hospital, St. Petersburg, FL	47-a
FLFH	100007 *	Florida Hospital Medical Center, Orlando, FL	48-a
FLFR	100220 *	Columbia Regional Medical Center, Fort Meyers, FL	49-a
FLJM	100022	Jackson Memorial Hospital, Miami, FL	50-a
FLJT	100170 *	Methodist Medical Center, Jacksonville, FL	51-a
FLTG	100128 *	Tampa General Hospital, Tampa, FL	52-a
FLUF	100113	Shands Hospital, Gainesville, FL	53-a
GAEH	110196	Egleston Children's Hospital, Atlanta, GA	54-a
GAEM	110010	Emory University Hospital, Atlanta, GA	55-a
GAMC	110034	Medical College of Georgia Hospital, Augusta, GA	56-a
GAPH	110083	Piedmont Hospital, Atlanta, GA	57-a
GASJ	110082	St. Joseph's Hospital, Atlanta, GA	58-a
HISF	120010	St. Francis Medical Center, Honolulu, HI	59-a
IAIM	160082	Iowa Methodist Medical Center, Des Moines, IA	60-a
IAIV	160058 *	University of Iowa Hospitals & Clinics, Iowa City, IA	61-a
IAMH	160083	Mercy Hospital Medical Center, Des Moines, IA	62-a
IAVA	16004F	VA Medical Center, Iowa City, IA	63-a
ILCM	143300	Children's Memorial Hospital, Chicago, IL	64-a
ILLU	140276	Loyola University Medical Center, Maywood, IL	65-a
ILMM	140148 *	Memorial Medical Center, Springfield, IL	66-a
ILNM	140281	Northwestern Memorial Hospital, Chicago, IL	67-a
ILPL	140119	Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL	68-a
ILSF	140067	OSF St. Francis Medical Center, Peoria, IL	69-a
ILUC	140088	University of Chicago Medical Center, Chicago, IL	70-a
ILUI	140150 *	University of Illinois Hospital, Chicago, IL	71-a
ILVA	14007F	Hines VA Hospital, Hines, IL	72-a
INIM	150056	Methodist Hospital of Indiana, Indianapolis, IN	73-a
INIU	150032	Indiana University Medical Center, Indianapolis, IN	74-a
KSFV	170122	Via Christi Regional Medical Center, Wichita, KS	75-a
KSUK	170040	University of Kansas Medical Center, Kansas City, KS	76-a
KYJH	180040	Jewish Hospital, Louisville, KY	77-a
KYKC	180088	Kosair Children's Hospital, Louisville, KY	78-a
KYUK	180067	University of Kentucky Medical Center, Lexington, KY	79-a
LANO	190035	University Hospital, New Orleans, LA	80-a
LAOF	190036	Ochsner Foundation Hospital, New Orleans, LA	81-a
LASB	190135	Memorial Medical Center, New Orleans, LA	82-a
LASM	190041	Schumpert Medical Center, Shreveport, LA	83-a
LASU	190098	Louisiana State University Medical Center, Shreveport, LA	84-a
LATU	190176	Tulane University Medical Center, New Orleans, LA	85-a
LAWK	190111	Willis-Knighton Medical Center, Shreveport, LA	86-a
MABI	220086	Beth Israel Hospital, Boston, MA	87-a
MABS	220077	Baystate Medical Center, Springfield, MA	88-a
MABU	220031	Boston Medical Center, Boston, MA	89-a
MABV	22010F	Boston VA Medical Center, Boston, MA	90-a

* Transplant program submitted a narrative.

Index of Kidney Transplant Programs

<u>Center Code</u>	<u>Provider #</u>	<u>Institution</u>	<u>Page</u>
MACH	223302 *	Children's Hospital, Boston, MA	91-a
MAHS	220118	Beth Israel Deaconess Medical Center, Boston, MA	92-a
MALC	220171	Lahey Clinic Medical Center, Burlington, MA	93-a
MAMG	220071	Massachusetts General Hospital, Boston, MA	94-a
MANM	220116	New England Medical Center, Boston, MA	95-a
MAPB	220110	Brigham & Women's Hospital, Boston, MA	96-a
MAUM	220163	University of Massachusetts Medical Center, Worcester, MA	97-a
MDBC	210029 *	Johns Hopkins Bayview Medical Center, Baltimore, MD	98-a
MDJH	210009 *	Johns Hopkins Hospital, Baltimore, MD	99-a
MDSG	210057	Shady Grove Adventist Hospital, Rockville, MD	100-a
MDUM	210002 *	University of Maryland Medical System, Baltimore, MD	101-a
MEMC	200009	Maine Medical Center, Portland, ME	102-a
MIBH	230130 *	William Beaumont Hospital, Royal Oak, MI	103-a
MICH	233300	Children's Hospital of Michigan, Detroit, MI	104-a
MIHF	230053 *	Henry Ford Hospital, Detroit, MI	105-a
MIHH	230104 *	Harper Hospital / Detroit Medical Center, Detroit, MI	106-a
MIHM	230132	Hurley Medical Center, Flint, MI	107-a
MIKZ	230117	Borgess Medical Center, Kalamazoo, MI	108-a
MIMC	230039	Grace Hospital, Detroit, MI	109-a
MISJ	230165	St. John Hospital & Medical Center, Detroit, MI	110-a
MISM	230059	St. Mary's Health Services, Grand Rapids, MI	111-a
MIUM	230046	University of Michigan Medical Center, Ann Arbor, MI	112-a
MNHC	240004	Hennepin County Medical Center, Minneapolis, MN	113-a
MNMC	240061	Rochester Methodist Hospital, Rochester, MN	114-a
MNMM	240196	Metropolitan Medical Center, Minneapolis, MN	115-a
MNMV	24001F	VA Medical Center, Minneapolis, MN	116-a
MNSM	240010	St. Mary's Hospital, Rochester, MN	117-a
MNUM	240049	Fairview University Medical Center, Minneapolis, MN	118-a
MOBH	260014 *	Barnes-Jewish Hospital, St. Louis, MO	119-a
MOCG	263300	Cardinal Glennon Children's Hospital, St. Louis, MO	120-a
MOCH	263301 *	St. Louis Children's Hospital, St. Louis, MO	121-a
MOCM	263302 *	Children's Mercy Hospital, Kansas City, MO	122-a
MOCV	26009F	John Cochran VA Hospital, St. Louis, MO	123-a
MODU	260104	DePaul Health Center, Bridgeton, MO	124-a
MOJM	260020	St. John's Mercy Medical Center, St. Louis, MO	125-a
MOLH	260138	St. Luke's Hospital, Kansas City, MO	126-a
MORH	260027 *	Research Medical Center, Kansas City, MO	127-a
MOSJ	260001	St. John's Regional Medical Center, Joplin, MO	128-a
MOSL	260105	St. Louis University Hospital, St. Louis, MO	129-a
MOUM	260141	University of Missouri Hospital & Clinic, Columbia, MO	130-a
MSUM	250001	University of Mississippi Medical Center, Jackson, MS	131-a
NCBG	340047	North Carolina Baptist Hospital, Winston-Salem, NC	132-a
NCCM	340113	Carolinas Medical Center, Charlotte, NC	133-a
NCDU	340030	Duke University Medical Center, Durham, NC	134-a
NCDV	34012F	Durham VA Medical Center, Durham, NC	135-a

* Transplant program submitted a narrative.

Index of Kidney Transplant Programs

<u>Center Code</u>	<u>Provider #</u>	<u>Institution</u>	<u>Page</u>
NCEC	340040 *	Pitt County Memorial Hospital, Greenville, NC	136-a
NCMH	340061	University of North Carolina Hospitals, Chapel Hill, NC	137-a
NDDH	350004	Dakota Heartland Health System, Fargo, ND	138-a
NDMC	350015 *	Medcenter One Hospital, Bismarck, ND	139-a
NDSL	350011	Meritcare Hospital - Meritcare, Fargo, ND	140-a
NECM	280088	Bishop Clarkson Memorial Hospital, Omaha, NE	141-a
NESJ	280030	St. Joseph Hospital, Omaha, NE	142-a
NEUN	280013	University of Nebraska Medical Center, Omaha, NE	143-a
NHDH	300003 *	Mary Hitchcock Memorial Hospital, Hanover, NH	144-a
NJBI	310002 *	Newark Beth Israel Medical Center, Newark, NJ	145-a
NJLL	310029 *	Our Lady of Lourdes Medical Center, Camden, NJ	146-a
NJSB	310076 *	St. Barnabas Medical Center, Livingston, NJ	147-a
NMAQ	320001	University Hospital-University of New Mexico, Albuquerque, NM	148-a
NMPH	320021	Presbyterian Hospital, Albuquerque, NM	149-a
NVHH	290003	Columbia Sunrise Hospital & Medical Center, Las Vegas, NV	150-a
NVUM	290007 *	University Medical Center of Southern Nevada, Las Vegas, NV	151-a
NYAM	330013	Albany Medical Center Hospital, Albany, NY	152-a
NYBC	333300 *	Children's Hospital, Buffalo, NY	153-a
NYBU	330005	Buffalo General Hospital, Buffalo, NY	154-a
NYCP	330012	Presbyterian Hospital in NY City, New York, NY	155-a
NYDS	330350	SUNY Health Science Center, Brooklyn, NY	156-a
NYEC	330219	Erie County Medical Center, Buffalo, NY	157-a
NYFL	330285	Strong Memorial Hospital, Rochester, NY	158-a
NYMA	330059 *	Montefiore Medical Center, Bronx, NY	159-a
NYMS	330024 *	Mount Sinai Medical Center, New York, NY	160-a
NYNY	330101	New York Hospital, New York, NY	161-a
NYSB	330393	University Hospital of SUNY, Stony Brook, NY	162-a
NYSL	330046	St. Luke's - Roosevelt Hospital Center, New York, NY	163-a
NYUC	330214	New York University Medical Center, New York, NY	164-a
NYUM	330241 *	University Hospital-SUNY Health Science Center, Syracuse, NY	165-a
NYWC	330234	Westchester County Medical Center, Valhalla, NY	166-a
OHAC	360020	Akron City Hospital, Akron, OH	167-a
OHCA	363303	Children's Hospital Medical Center, Akron, OH	168-a
OHCC	360180	Cleveland Clinic Foundation, Cleveland, OH	169-a
OHCH	363305	Children's Hospital, Columbus, OH	170-a
OHCM	363300	Children's Hospital Medical Center, Cincinnati, OH	171-a
OHCO	360048	Medical College Hospitals, Toledo, OH	172-a
OHMV	360051	Miami Valley Hospital, Dayton, OH	173-a
OHOU	360085	Ohio State University Hospitals, Columbus, OH	174-a
OHSE	360064	St. Elizabeth Hospital Medical Center, Youngstown, OH	175-a
OHTC	360163	Christ Hospital, Cincinnati, OH	176-a
OHUC	360003	University of Cincinnati Medical Center, Cincinnati, OH	177-a
OHUH	360137	University Hospitals, Cleveland, OH	178-a
OKBC	370028	Integrus Baptist Medical Center, Oklahoma City, OK	179-a
OKCM	370167	Children's Hospital of Oklahoma, Oklahoma City, OK	180-a

* Transplant program submitted a narrative.

Index of Kidney Transplant Programs

<u>Center Code</u>	<u>Provider #</u>	<u>Institution</u>	<u>Page</u>
OKHM	370001	Hillcrest Medical Center, Tulsa, OK	181-a
OKMD	370035	University Hospital, Oklahoma City, OK	182-a
OKSA	370037	St. Anthony Hospital, Oklahoma City, OK	183-a
ORUO	380009 *	Oregon Health Sciences University Hospital, Portland, OR	184-a
PAAE	390142 *	Albert Einstein Medical Center, Philadelphia, PA	185-a
PAAG	390050 *	Allegheny General Hospital, Pittsburgh, PA	186-a
PACH	393302 *	Children's Hospital, Pittsburgh, PA	187-a
PACP	393303 *	Children's Hospital, Philadelphia, PA	188-a
PAGM	390006	Geisinger Medical Center, Danville, PA	189-a
PAHE	390256	Milton S. Hershey Medical Center, Hershey, PA	190-a
PAHM	390051	Allegheny University Hospital-Center City, Philadelphia, PA	191-a
PALH	390195	Lankenau Hospital, Wynnewood, PA	192-a
PALV	390133 *	Lehigh Valley Hospital, Allentown, PA	193-a
PAPT	390164 *	University of Pittsburgh Medical Center, Pittsburgh, PA	194-a
PASC	393301	St. Christopher's Hospital for Children, Philadelphia, PA	195-a
PATJ	390174	Thomas Jefferson University Hospital, Philadelphia, PA	196-a
PATU	390027	Temple University Hospital, Philadelphia, PA	197-a
PAUP	390111	Hospital of University of Pennsylvania, Philadelphia, PA	198-a
PRSJ	400016 *	Auxilio Mutuo Hospital, Hato Rey, PR	199-a
SCMU	420004 *	Medical University of South Carolina, Charleston, SC	200-a
SDMK	430016	McKenna Hospital, Sioux Falls, SD	201-a
TNEM	440104	Erlanger Medical Center, Chattanooga, TN	202-a
TNJC	440063	Johnson City Medical Center Hospital, Johnson City, TN	203-a
TNLB	443301 *	Le Bonheur Children's Medical Center, Memphis, TN	204-a
TNNV	44018F	Nashville VA Medical Center, Nashville, TN	205-a
TNPV	440161	Centennial Medical Center/Parkview, Nashville, TN	206-a
TNST	440082 *	St. Thomas Hospital, Nashville, TN	207-a
TNUK	440015	University of Tennessee Medical Center, Knoxville, TN	208-a
TNUT	440166 *	University of Tennessee Medical Center, Memphis, TN	209-a
TNVU	440039	Vanderbilt University Medical Center, Nashville, TN	210-a
TXAD	450124	Brackenridge Hospital, Austin, TX	211-a
TXBC	450213	University Hospital, San Antonio, TX	212-a
TXCF	453300	Cook Ft. Worth Children's Medical Center, Fort Worth, TX	213-a
TXCM	453302	Children's Medical Center, Dallas, TX	214-a
TXFW	450135 *	Harris Methodist, Fort Worth, TX	215-a
TXHH	450068 *	Hermann Hospital, Houston, TX	216-a
TXHI	450193 *	St. Luke's Episcopal Hospital, Houston, TX	217-a
TXHS	450631	San Antonio Community Hospital, San Antonio, TX	218-a
TXJS	450018	University of Texas-Medical Branch, Galveston, TX	219-a
TXLG	450686	University Medical Center, Lubbock, TX	220-a
TXLM	450457	Methodist Hospital, Lubbock, TX	221-a
TXMC	450051	Methodist Medical Center, Dallas, TX	222-a
TXMH	450358 *	The Methodist Hospital, Houston, TX	223-a
TXPM	450015 *	Parkland Memorial Hospital, Dallas, TX	224-a
TXSM	450668	Sierra Medical Center, El Paso, TX	225-a

* Transplant program submitted a narrative.

Index of Kidney Transplant Programs

<u>Center Code</u>	<u>Provider #</u>	<u>Institution</u>	<u>Page</u>
TXTC	453304	Texas Children's Hospital, Houston, TX	226-a
TXTX	450021 *	Baylor University Medical Center, Dallas, TX	227-a
TXTY	450083	East Texas Medical Center, Tyler, TX	228-a
TXWH	45081F	Wilford Hall Medical Center, Lackland AFB, TX	229-a
UTLD	460010	Latter-Day Saints Hospital, Salt Lake City, UT	230-a
UTMC	460009	University of Utah Medical Center, Salt Lake City, UT	231-a
UTVA	46002F	VA Medical Center, Salt Lake City, UT	232-a
VAFH	490063	Inova Fairfax Hospital, Falls Church, VA	233-a
VAHD	490118	Columbia Henrico Doctors' Hospital, Richmond VA	234-a
VAMC	490032 *	Medical College of Virginia Hospitals, Richmond, VA	235-a
VANG	490007 *	Sentara Norfolk General Hospital, Norfolk, VA	236-a
VARM	490024	Carilion Roanoke Memorial Hospital, Roanoke, VA	237-a
VAUV	490009	University of Virginia Health Science Center, Charlottesville, VA	238-a
VTMC	470003 *	Fletcher Allen Health Center, Burlington, VT	239-a
WACH	503300	Children's Hospital & Medical Center, Seattle, WA	240-a
WASH	500054 *	Sacred Heart Medical Center, Spokane, WA	241-a
WASM	500027	Swedish Medical Center, Seattle, WA	242-a
WAUW	500008 *	University of Washington Medical Center, Seattle, WA	243-a
WAVM	500005	Virginia Mason Medical Center, Seattle, WA	244-a
WICH	523300 *	Children's Hospital of Wisconsin, Milwaukee, WI	245-a
WISE	520177 *	Froedtert Memorial Lutheran Hospital, Milwaukee, WI	246-a
WIUW	520098	University of Wisconsin Hospital and Clinics, Madison, WI	247-a
WVCA	510022	Charleston Area Medical Center, Charleston, WV	248-a
WVWU	510001	West Virginia University Hospital, Morgantown, WV	249-a

* Transplant program submitted a narrative.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Saint Louis Children's Hospital - Saint Louis MO
Provider Number 263301 (MOCH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	50	90.0	88.2	8	100.0	94.4	58	58	5	91.4	89.1	2.3	0.56
1 Year	50	88.0	83.8	8	100.0	91.7	58	58	6	89.7	84.9	4.8	0.29
Cond. ³ 3 Years	42	94.8	89.6				42	36	2	94.8	89.6	5.2	0.28
3 Years ³		83.4	75.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	47	100.0	98.6	8	100.0	99.5	55	53.5	0.0	100.0	98.7	1.3	0.41
1 Year	47	97.8	97.1	8	100.0	98.7	55	53.5	1.0	98.1	97.3	0.8	0.73
Cond. ³ 3 Years	44	100.0	98.3				44	38.5	0.0	100.0	98.3	1.7	0.40
3 Years ³		97.8	95.4										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Saint Louis Children's Hospital - Saint Louis MO
Provider Number 263301 (MOCH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		58	100.0	62572	100.0
Donor Type	Living	40	69.0	14525	23.2
	Cadaveric: Stroke	8	13.8	15624	25.0
	Cadaveric: MVA	6	10.3	13317	21.3
	Cadaveric: Other	4	6.9	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	6	10.3	10738	17.2
	18-30	21	36.2	19464	31.1
	31-45	26	44.8	18538	29.6
	46-60	5	8.6	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	49	84.5	49654	79.4
	Black	8	13.8	6469	10.3
	Hispanic	1	1.7	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	26	44.8	25808	41.2
	Male	32	55.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	39	67.2	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	1.7	551	0.9
	Cadaveric: 0-11	1	1.7	5889	9.4
	Cadaveric: 12-21	9	15.5	16112	25.7
	Cadaveric: 22-31	4	6.9	14287	22.8
	Cadaveric: 32-41	2	3.4	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	2	3.4	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	4	6.9	5935	9.5
	1	4	6.9	3484	5.6
	2	18	31.0	9648	15.4
	3	20	34.5	16005	25.6
	4	4	6.9	14003	22.4
	5	8	13.8	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	49	84.5	3951	6.3
	18-35	9	15.5	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	44	75.9	41213	65.9
	Black	12	20.7	12675	20.3
	Hispanic	2	3.4	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	20	34.5	25078	40.1
	Male	38	65.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	58	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	44	75.9	54138	86.5
	Yes	14	24.1	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	13	22.4	19677	31.4
	1-5	27	46.6	23207	37.1
	6-10	3	5.2	5736	9.2
	11+	15	25.9	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	42	72.4	20469	32.7
	1- 19	6	10.3	26645	42.6
	20- 79	6	10.3	9976	15.9
	80-100	4	6.9	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	41	70.7	11726	18.7
	21-25	8	13.8	23821	38.1
	26-30	3	5.2	12454	19.9
	31+	2	3.4	5762	9.2
	Not Reported	4	6.9	8809	14.1
Primary Kidney Disease	Glomerular	14	24.1	16923	27.0
	Cystic/Congenital	17	29.3	7349	11.7
	Systemic	3	5.2	11759	18.8
	Tubulointerstitial	17	29.3	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	4	6.9	5271	8.4
	Not Reported	3	5.2	2978	4.8
Recipient Description at Transplant	Not Hospitalized	58	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	11	19.0	9021	14.4
	1989	10	17.2	8951	14.3
	1990	13	22.4	9819	15.7
	1991	14	24.1	10077	16.1
	1992	6	10.3	10157	16.2
	1993-1994	4	6.9	14547	23.2
Dialysis in First Week After Transplant*	Yes	2	3.4	5716	9.1
	No	40	69.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	3	5.2	7249	11.6
	N/A*: No	13	22.4	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	27	46.6	13559	21.7
	No	15	25.9	19634	31.4
	N/A*: Yes	7	12.1	12277	19.6
	N/A*: No	9	15.5	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

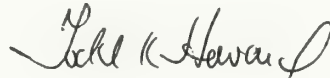
Source: UNOS OPTN/Scientific Registry data.

**Response From: St. Louis Children's Hospital
One Children's Place, St. Louis, MO 63110
Provider Number 263301 (MOCH)**

May 13, 1997

The results presented reflect the commitment of the program to providing the best possible care for patients receiving kidney transplants at our institution. The outcomes presented are the result of the efforts of a team of physicians, surgeons, nurses and an entire institution dedicated to our transplant programs.

Todd K. Howard, M.D.
Director of Kidney Transplantation

A handwritten signature in black ink, appearing to read "Todd K. Howard". The signature is written in a cursive, flowing style.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Children's Mercy Hospital - Kansas City MO
Provider Number 263302 (MOCM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	6	100.0	92.7	14	85.7	93.3	20	20	2	90.0	93.1	-3.1	0.58
1 Year	6	100.0	89.2	14	85.7	90.1	20	19	2	90.0	89.8	0.2	0.98
Cond. ³ 3 Years	6	83.3	90.7				6	6	1	83.3	90.7	-7.4	0.53
3 Years ³		83.3	80.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	6	100.0	99.4	14	100.0	99.2	20	20.0	0.0	100.0	99.2	0.8	0.69
1 Year	6	100.0	98.6	14	100.0	98.0	20	18.0	0.0	100.0	98.2	1.8	0.54
Cond. ³ 3 Years	6	100.0	98.4				6	6.0	0.0	100.0	98.4	1.6	0.75
3 Years ³		100.0	96.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Children's Mercy Hospital - Kansas City MO
Provider Number 263302 (MOCM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		20	100.0	62572	100.0
Donor Type	Living	14	70.0	14525	23.2
	Cadaveric: Stroke	1	5.0	15624	25.0
	Cadaveric: MVA	3	15.0	13317	21.3
	Cadaveric: Other	2	10.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	2	10.0	10738	17.2
	18-30	5	25.0	19464	31.1
	31-45	13	65.0	18538	29.6
	46-60	0	0.0	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	15	75.0	49654	79.4
	Black	3	15.0	6469	10.3
	Hispanic	2	10.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	14	70.0	25808	41.2
	Male	6	30.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	13	65.0	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	2	10.0	5889	9.4
	Cadaveric: 12-21	2	10.0	16112	25.7
	Cadaveric: 22-31	2	10.0	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	1	5.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	1	5.0	5935	9.5
	1	1	5.0	3484	5.6
	2	8	40.0	9648	15.4
	3	6	30.0	16005	25.6
	4	1	5.0	14003	22.4
	5	2	10.0	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	1	5.0	1525	2.4
Recipient Age	0-17	17	85.0	3951	6.3
	18-35	3	15.0	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	15	75.0	41213	65.9
	Black	3	15.0	12675	20.3
	Hispanic	2	10.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	13	65.0	25078	40.1
	Male	7	35.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	20	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	19	95.0	54138	86.5
	Yes	1	5.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	0	0.0	19677	31.4
	1-5	8	40.0	23207	37.1
	6-10	1	5.0	5736	9.2
	11+	4	20.0	5280	8.4
	Not Reported	7	35.0	8672	13.9
Peak PRA Prior to Transplant	0	12	60.0	20469	32.7
	1- 19	4	20.0	26645	42.6
	20- 79	3	15.0	9976	15.9
	80-100	0	0.0	4277	6.8
	Not Reported	1	5.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	14	70.0	11726	18.7
	21-25	3	15.0	23821	38.1
	26-30	2	10.0	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	1	5.0	8809	14.1
Primary Kidney Disease	Glomerular	5	25.0	16923	27.0
	Cystic/Congenital	4	20.0	7349	11.7
	Systemic	3	15.0	11759	18.8
	Tubulointerstitial	3	15.0	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	5	25.0	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	20	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	4	20.0	10077	16.1
	1992	6	30.0	10157	16.2
	1993-1994	10	50.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	0	0.0	5716	9.1
	No	6	30.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	1	5.0	7249	11.6
	N/A*: No	13	65.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	2	10.0	13559	21.7
	No	4	20.0	19634	31.4
	N/A*: Yes	4	20.0	12277	19.6
	N/A*: No	10	50.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Children's Mercy Hospital
2401 Gillham Road, Kansas City, MO, 64108
Provider Number 263302 (MOCM)**

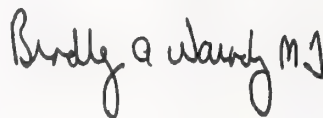
May 8, 1997

The Children's Mercy Hospital is pleased to release the UNOS survival statistics for our pediatric kidney transplant program. These statistics reflect the high quality of care provided at Children's Mercy by a team of pediatric specialists for children with end-stage renal disease who are transplant recipients. Our center's patient and graft survival statistics are notable for their exceptional values despite the complex nature of pediatric transplantation. Children's Mercy's patient survival rates exceed UNOS' national expectations at both three months and one year. Children's Mercy achieved a 100% patient survival rate at three months and a 100% patient survival rate at one year. The comparable UNOS expected rates were 99.2% at three months and 98.2% at one year.

In terms of graft survival, the three month data for Children's Mercy and the national expectations were not significantly different with values of 90.0% and 93.1%, respectively. At one year, Children's Mercy achieved a 90% graft survival rate while the UNOS expected graft survival rate was 89.8%.

In summary, we believe that these patient and graft survival statistics reflect the quality and commitment of the multi-disciplinary approach to care that characterizes our pediatric renal transplant program. We believe that these very special patients are deserving of very special care.

Bradley A. Warady, M.D.
Director, Pediatric Kidney Transplant Program



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for John Cochran VA Hospital - Saint Louis MO
Provider Number 26009F (MOCV)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	43	88.4	87.6				43	43	5	88.4	87.6	0.8	0.87
1 Year	43	76.7	80.7				43	43	10	76.7	80.7	-4.0	0.50
Cond. ³ 3 Years	33	93.6	90.7				33	29	2	93.6	90.7	2.8	0.57
3 Years ³		71.8	73.3										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	43	92.9	94.9				43	42.0	3.0	92.9	94.9	-2.1	0.53
1 Year	43	87.9	90.6				43	41.0	5.0	87.9	90.6	-2.7	0.53
Cond. ³ 3 Years	37	86.3	91.9				37	35.0	5.0	86.3	91.9	-5.6	0.21
3 Years ³		75.9	83.3										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

John Cochran VA Hospital - Saint Louis MO
Provider Number 26009F (MOCV)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		43	100.0	62572	100.0
Donor Type	Living	3	7.0	14525	23.2
	Cadaveric: Stroke	16	37.2	15624	25.0
	Cadaveric: MVA	2	4.7	13317	21.3
	Cadaveric: Other	22	51.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	12	27.9	10738	17.2
	18-30	18	41.9	19464	31.1
	31-45	10	23.3	18538	29.6
	46-60	3	7.0	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	40	93.0	49654	79.4
	Black	2	4.7	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	1	2.3	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	16	37.2	25808	41.2
	Male	27	62.8	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	3	7.0	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	23	53.5	5889	9.4
	Cadaveric: 12-21	9	20.9	16112	25.7
	Cadaveric: 22-31	7	16.3	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	1	2.3	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	0	0.0	5935	9.5
	1	1	2.3	3484	5.6
	2	5	11.6	9648	15.4
	3	11	25.6	16005	25.6
	4	11	25.6	14003	22.4
	5	9	20.9	8963	14.3
	6	3	7.0	3009	4.8
	Not Reported	3	7.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	14	32.6	20414	32.6
	36-45	17	39.5	16397	26.2
	46-60	9	20.9	17170	27.4
	61+	3	7.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	31	72.1	41213	65.9
	Black	9	20.9	12675	20.3
	Hispanic	2	4.7	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	1	2.3	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	13	30.2	25078	40.1
	Male	30	69.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	26	60.5	59783	95.5
	Kidney and Pancreas	17	39.5	2789	4.5
Previous Kidney Transplant	No	39	90.7	54138	86.5
	Yes	4	9.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	8	18.6	19677	31.4
	1-5	31	72.1	23207	37.1
	6-10	2	4.7	5736	9.2
	11+	2	4.7	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	30	69.8	20469	32.7
	1- 19	1	2.3	26645	42.6
	20- 79	3	7.0	9976	15.9
	80-100	1	2.3	4277	6.8
	Not Reported	8	18.6	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	7	16.3	11726	18.7
	21-25	25	58.1	23821	38.1
	26-30	6	14.0	12454	19.9
	31+	5	11.6	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	6	14.0	16923	27.0
	Cystic/Congenital	2	4.7	7349	11.7
	Systemic	11	25.6	11759	18.8
	Tubulointerstitial	2	4.7	4233	6.8
	Diabetes	21	48.8	14059	22.5
	Other Diagnosis	0	0.0	5271	8.4
	Not Reported	1	2.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	41	95.3	59280	94.7
	Hospitalized	1	2.3	1917	3.1
	ICU/Life Support	1	2.3	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	22	51.2	9021	14.4
	1989	13	30.2	8951	14.3
	1990	8	18.6	9819	15.7
	1991	0	0.0	10077	16.1
	1992	0	0.0	10157	16.2
	1993-1994	0	0.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	3	7.0	5716	9.1
	No	25	58.1	26528	42.4
	Not Reported	5	11.6	949	1.5
	N/A*: Yes	5	11.6	7249	11.6
	N/A*: No	4	9.3	21509	34.4
	N/A*: Not Reported	1	2.3	621	1.0
Rejection in First 6 Months After Transplant*	Yes	12	27.9	13559	21.7
	No	21	48.8	19634	31.4
	N/A*: Yes	7	16.3	12277	19.6
	N/A*: No	3	7.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for DePaul Health Center - Bridgeton MO
Provider Number 260104 (MODU)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	29	89.7	90.3	33	81.8	91.9	62	62	9	85.5	91.2	-5.7	0.11
1 Year	29	86.2	85.5	33	78.8	87.5	62	62	11	82.3	86.5	-4.3	0.31
Cond. ³ 3 Years	25	91.8	92.3				25	24	2	91.8	92.3	-0.4	0.94
3 Years ³		79.2	78.8										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	29	100.0	97.2	33	84.8	97.5	62	62.0	5.0	91.9	97.4	-5.5	<0.01*
1 Year	29	100.0	94.5	33	84.8	94.7	62	62.0	5.0	91.9	94.6	-2.7	0.34
Cond. ³ 3 Years	29	100.0	94.3				29	28.0	0.0	100.0	94.3	5.7	0.18
3 Years ³		100.0	89.1										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

DePaul Health Center - Bridgeton MO
Provider Number 260104 (MODU)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		62	100.0	62572	100.0
Donor Type	Living	20	32.3	14525	23.2
	Cadaveric: Stroke	9	14.5	15624	25.0
	Cadaveric: MVA	15	24.2	13317	21.3
	Cadaveric: Other	18	29.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	14	22.6	10738	17.2
	18-30	16	25.8	19464	31.1
	31-45	20	32.3	18538	29.6
	46-60	12	19.4	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	50	80.6	49654	79.4
	Black	11	17.7	6469	10.3
	Hispanic	1	1.6	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	26	41.9	25808	41.2
	Male	36	58.1	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	20	32.3	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	10	16.1	5889	9.4
	Cadaveric: 12-21	21	33.9	16112	25.7
	Cadaveric: 22-31	10	16.1	14287	22.8
	Cadaveric: 32-41	1	1.6	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	9	14.5	5935	9.5
	1	1	1.6	3484	5.6
	2	14	22.6	9648	15.4
	3	17	27.4	16005	25.6
	4	17	27.4	14003	22.4
	5	4	6.5	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	2	3.2	3951	6.3
	18-35	18	29.0	20414	32.6
	36-45	20	32.3	16397	26.2
	46-60	19	30.6	17170	27.4
	61+	3	4.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	45	72.6	41213	65.9
	Black	15	24.2	12675	20.3
	Hispanic	1	1.6	5632	9.0
	Asian	1	1.6	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	25	40.3	25078	40.1
	Male	37	59.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	62	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	58	93.5	54138	86.5
	Yes	4	6.5	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	14	22.6	19677	31.4
	1-5	33	53.2	23207	37.1
	6-10	6	9.7	5736	9.2
	11+	7	11.3	5280	8.4
	Not Reported	2	3.2	8672	13.9
Peak PRA Prior to Transplant	0	45	72.6	20469	32.7
	1- 19	9	14.5	26645	42.6
	20- 79	3	4.8	9976	15.9
	80-100	5	8.1	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	12	19.4	11726	18.7
	21-25	22	35.5	23821	38.1
	26-30	15	24.2	12454	19.9
	31+	13	21.0	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	16	25.8	16923	27.0
	Cystic/Congenital	10	16.1	7349	11.7
	Systemic	12	19.4	11759	18.8
	Tubulointerstitial	4	6.5	4233	6.8
	Diabetes	19	30.6	14059	22.5
	Other Diagnosis	1	1.6	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	61	98.4	59280	94.7
	Hospitalized	1	1.6	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	2	3.2	9021	14.4
	1989	7	11.3	8951	14.3
	1990	11	17.7	9819	15.7
	1991	7	11.3	10077	16.1
	1992	12	19.4	10157	16.2
	1993-1994	23	37.1	14547	23.2
Dialysis in First Week After Transplant*	Yes	5	8.1	5716	9.1
	No	20	32.3	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	9	14.5	7249	11.6
	N/A*: No	28	45.2	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	12	19.4	13559	21.7
	No	13	21.0	19634	31.4
	N/A*: Yes	14	22.6	12277	19.6
	N/A*: No	23	37.1	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994**Survival Report for St John's Mercy Medical Center - Saint Louis MO
Provider Number 260020 (MOJM)****Graft Survival**

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				17	94.1	93.4	17	17	1	94.1	93.4	0.8	0.90
1 Year				17	94.1	89.8	17	17	1	94.1	89.8	4.3	0.55
Cond. ³ 3 Years													
3 Years ³													

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				17	100.0	98.5	17	17.0	0.0	100.0	98.5	1.5	0.60
1 Year				17	100.0	96.1	17	16.0	0.0	100.0	96.1	3.9	0.41
Cond. ³ 3 Years													
3 Years ³													

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

St John's Mercy Medical Center - Saint Louis MO
Provider Number 260020 (MOJM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		17	100.0	62572	100.0
Donor Type	Living	13	76.5	14525	23.2
	Cadaveric: Stroke	0	0.0	15624	25.0
	Cadaveric: MVA	1	5.9	13317	21.3
	Cadaveric: Other	3	17.6	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	2	11.8	10738	17.2
	18-30	2	11.8	19464	31.1
	31-45	6	35.3	18538	29.6
	46-60	7	41.2	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	15	88.2	49654	79.4
	Black	2	11.8	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	6	35.3	25808	41.2
	Male	11	64.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	13	76.5	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	1	5.9	5889	9.4
	Cadaveric: 12-21	3	17.6	16112	25.7
	Cadaveric: 22-31	0	0.0	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	3	17.6	5935	9.5
	1	0	0.0	3484	5.6
	2	3	17.6	9648	15.4
	3	5	29.4	16005	25.6
	4	4	23.5	14003	22.4
	5	2	11.8	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	2	11.8	3951	6.3
	18-35	8	47.1	20414	32.6
	36-45	2	11.8	16397	26.2
	46-60	4	23.5	17170	27.4
	61+	1	5.9	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	15	88.2	41213	65.9
	Black	2	11.8	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	12	70.6	25078	40.1
	Male	5	29.4	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	17	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	16	94.1	54138	86.5
	Yes	1	5.9	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	11	64.7	19677	31.4
	1-5	6	35.3	23207	37.1
	6-10	0	0.0	5736	9.2
	11+	0	0.0	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	12	70.6	20469	32.7
	1- 19	3	17.6	26645	42.6
	20- 79	0	0.0	9976	15.9
	80-100	2	11.8	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	5	29.4	11726	18.7
	21-25	10	58.8	23821	38.1
	26-30	2	11.8	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	4	23.5	16923	27.0
	Cystic/Congenital	4	23.5	7349	11.7
	Systemic	2	11.8	11759	18.8
	Tubulointerstitial	1	5.9	4233	6.8
	Diabetes	6	35.3	14059	22.5
	Other Diagnosis	0	0.0	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	16	94.1	59280	94.7
	Hospitalized	1	5.9	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	0	0.0	10077	16.1
	1992	0	0.0	10157	16.2
	1993-1994	17	100.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	0	0.0	5716	9.1
	No	0	0.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	2	11.8	7249	11.6
	N/A*: No	15	88.2	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	0	0.0	13559	21.7
	No	0	0.0	19634	31.4
	N/A*: Yes	8	47.1	12277	19.6
	N/A*: No	9	52.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994**Survival Report for St Luke's Hospital - Kansas City MO
Provider Number 260138 (MOLH)****Graft Survival**

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	174	81.6	87.6	49	91.8	90.6	223	223	36	83.9	88.2	-4.4	0.04*
1 Year	174	75.9	82.5	49	87.8	86.4	223	223	48	78.5	83.3	-4.9	0.05*
Cond. ³ 3 Years	132	92.2	91.5				132	124	10	92.2	91.5	0.7	0.77
3 Years ³		69.9	75.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	165	96.3	96.9	49	95.7	97.8	209	207.0	8.0	96.1	97.1	-1.0	0.40
1 Year	165	91.3	94.1	49	91.3	95.3	209	207.0	18.0	91.3	94.4	-3.1	0.06
Cond. ³ 3 Years	151	93.2	94.8				151	141.0	10.0	93.2	94.8	-1.7	0.35
3 Years ³		85.1	89.2										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

St Luke's Hospital - Kansas City MO
Provider Number 260138 (MOLH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		223	100.0	62572	100.0
Donor Type	Living	53	23.8	14525	23.2
	Cadaveric: Stroke	49	22.0	15624	25.0
	Cadaveric: MVA	40	17.9	13317	21.3
	Cadaveric: Other	81	36.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	47	21.1	10738	17.2
	18-30	84	37.7	19464	31.1
	31-45	54	24.2	18538	29.6
	46-60	35	15.7	11397	18.2
	61+	3	1.3	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	192	86.1	49654	79.4
	Black	17	7.6	6469	10.3
	Hispanic	11	4.9	4943	7.9
	Asian	0	0.0	801	1.3
	Other	3	1.3	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	82	36.8	25808	41.2
	Male	141	63.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	53	23.8	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	26	11.7	5889	9.4
	Cadaveric: 12-21	91	40.8	16112	25.7
	Cadaveric: 22-31	37	16.6	14287	22.8
	Cadaveric: 32-41	14	6.3	7669	12.3
	Cadaveric: 42+	2	0.9	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	22	9.9	5935	9.5
	1	16	7.2	3484	5.6
	2	38	17.0	9648	15.4
	3	59	26.5	16005	25.6
	4	51	22.9	14003	22.4
	5	28	12.6	8963	14.3
	6	7	3.1	3009	4.8
	Not Reported	2	0.9	1525	2.4
Recipient Age	0-17	17	7.6	3951	6.3
	18-35	66	29.6	20414	32.6
	36-45	53	23.8	16397	26.2
	46-60	67	30.0	17170	27.4
	61+	20	9.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	194	87.0	41213	65.9
	Black	23	10.3	12675	20.3
	Hispanic	3	1.3	5632	9.0
	Asian	2	0.9	1740	2.8
	Other	1	0.4	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	92	41.3	25078	40.1
	Male	131	58.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	223	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	171	76.7	54138	86.5
	Yes	52	23.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	87	39.0	19677	31.4
	1-5	59	26.5	23207	37.1
	6-10	21	9.4	5736	9.2
	11+	56	25.1	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	62	27.8	20469	32.7
	1- 19	96	43.0	26645	42.6
	20- 79	39	17.5	9976	15.9
	80-100	26	11.7	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	46	20.6	11726	18.7
	21-25	88	39.5	23821	38.1
	26-30	34	15.2	12454	19.9
	31+	29	13.0	5762	9.2
	Not Reported	26	11.7	8809	14.1
Primary Kidney Disease	Glomerular	81	36.3	16923	27.0
	Cystic/Congenital	32	14.3	7349	11.7
	Systemic	42	18.8	11759	18.8
	Tubulointerstitial	24	10.8	4233	6.8
	Diabetes	29	13.0	14059	22.5
	Other Diagnosis	9	4.0	5271	8.4
	Not Reported	6	2.7	2978	4.8
Recipient Description at Transplant	Not Hospitalized	221	99.1	59280	94.7
	Hospitalized	2	0.9	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	39	17.5	9021	14.4
	1989	46	20.6	8951	14.3
	1990	38	17.0	9819	15.7
	1991	39	17.5	10077	16.1
	1992	27	12.1	10157	16.2
	1993-1994	34	15.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	31	13.9	5716	9.1
	No	101	45.3	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	34	15.2	7249	11.6
	N/A*: No	57	25.6	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	37	16.6	13559	21.7
	No	95	42.6	19634	31.4
	N/A*: Yes	42	18.8	12277	19.6
	N/A*: No	49	22.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Research Medical Center - Kansas City MO
Provider Number 260027 (MORH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	103	96.1	88.9	58	98.3	91.8	161	161	5	96.9	89.9	7.0	<0.01*
1 Year	103	88.3	83.3	58	98.3	87.2	161	161	13	91.9	84.7	7.2	<0.01*
Cond. ³ 3 Years	88	96.5	91.9				88	81	3	96.5	91.9	4.6	0.11
3 Years ³		85.3	76.5										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	101	99.0	96.5	58	98.3	97.8	159	159.0	2.0	98.7	97.0	1.8	0.19
1 Year	101	95.0	93.2	58	98.3	95.3	159	159.0	6.0	96.2	94.0	2.2	0.23
Cond. ³ 3 Years	93	93.4	93.4				93	87.5	6.0	93.4	93.4	-0.1	0.98
3 Years ³		88.8	87.1										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Research Medical Center - Kansas City MO
Provider Number 260027 (MORH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		161	100.0	62572	100.0
Donor Type	Living	32	19.9	14525	23.2
	Cadaveric: Stroke	29	18.0	15624	25.0
	Cadaveric: MVA	45	28.0	13317	21.3
	Cadaveric: Other	55	34.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	34	21.1	10738	17.2
	18-30	55	34.2	19464	31.1
	31-45	47	29.2	18538	29.6
	46-60	23	14.3	11397	18.2
	61+	2	1.2	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	144	89.4	49654	79.4
	Black	12	7.5	6469	10.3
	Hispanic	5	3.1	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	59	36.6	25808	41.2
	Male	102	63.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	32	19.9	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	26	16.1	5889	9.4
	Cadaveric: 12-21	80	49.7	16112	25.7
	Cadaveric: 22-31	23	14.3	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	15	9.3	5935	9.5
	1	7	4.3	3484	5.6
	2	28	17.4	9648	15.4
	3	40	24.8	16005	25.6
	4	47	29.2	14003	22.4
	5	22	13.7	8963	14.3
	6	1	0.6	3009	4.8
	Not Reported	1	0.6	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	48	29.8	20414	32.6
	36-45	47	29.2	16397	26.2
	46-60	47	29.2	17170	27.4
	61+	19	11.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	115	71.4	41213	65.9
	Black	42	26.1	12675	20.3
	Hispanic	3	1.9	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	1	0.6	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	62	38.5	25078	40.1
	Male	99	61.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	161	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	151	93.8	54138	86.5
	Yes	10	6.2	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	53	32.9	19677	31.4
	1-5	81	50.3	23207	37.1
	6-10	15	9.3	5736	9.2
	11+	12	7.5	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	41	25.5	20469	32.7
	1- 19	83	51.6	26645	42.6
	20- 79	28	17.4	9976	15.9
	80-100	9	5.6	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	27	16.8	11726	18.7
	21-25	69	42.9	23821	38.1
	26-30	41	25.5	12454	19.9
	31+	24	14.9	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	26	16.1	16923	27.0
	Cystic/Congenital	23	14.3	7349	11.7
	Systemic	34	21.1	11759	18.8
	Tubulointerstitial	7	4.3	4233	6.8
	Diabetes	49	30.4	14059	22.5
	Other Diagnosis	19	11.8	5271	8.4
	Not Reported	3	1.9	2978	4.8
Recipient Description at Transplant	Not Hospitalized	156	96.9	59280	94.7
	Hospitalized	5	3.1	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	22	13.7	9021	14.4
	1989	25	15.5	8951	14.3
	1990	21	13.0	9819	15.7
	1991	27	16.8	10077	16.1
	1992	26	16.1	10157	16.2
	1993-1994	40	24.8	14547	23.2
Dialysis in First Week After Transplant*	Yes	5	3.1	5716	9.1
	No	83	51.6	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	2	1.2	7249	11.6
	N/A*: No	71	44.1	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	25	15.5	13559	21.7
	No	63	39.1	19634	31.4
	N/A*: Yes	26	16.1	12277	19.6
	N/A*: No	47	29.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Research Medical Center
6400 Prospect, Kansas City, MO 64132
Provider Number 260027 (MORH)**

May 8, 1997

Research Medical Center is proud of the outcome reports for the Renal Transplant Program covering the period January 1, 1988 to April 30, 1994. The Transplant Institute at Research Medical Center was founded on November 1, 1988. The results reported here include 138 patients transplanted under the direction of the Transplant Institute and the data of 23 patients transplanted at Research Medical Center prior to November 1, 1988.

Through December 31, 1996, 227 patients have been transplanted and followed through the Transplant Institute with an actuarial eight year graft survival of 85.9%. The rate of patients returned to dialysis was 6.6% leaving a death with functioning graft censored outcome success rate of over 93%. The incidence of post-transplant dialysis (ATN) is less than 2% and the median hospital stay is eight days. During the past six years, the incidence of acute rejection is 17% and the rate of graft failure due to technical complications less than 1%.

Research Medical Center's Transplant Institute is progressive relative to consideration of the potential recipient population. We have evaluated patients into their mid-70's, have a transplantation rate in diabetic individuals which is 35% above the national norm and serve a population that includes more sensitized (only 25% at a PRA of 0%), older (12% over age 60) and heavier (BMI >31 in 15%) recipients. Our number of regrafts is low due to the overwhelming success of our primary transplant recipients.

The Transplant Institute provides comprehensive pre- and post-transplant health care with an emphasis on education and patient compliance. We feel it is the communication between the patient and their surgeon, their physician, and members of their nursing care team which accounts for our statistically significant overall graft survival. We maintain that patient and donor selection are important for successful outcomes and that close patient follow up is imperative for maintaining a post-transplant dialysis-free patient population. Our results for the period ending April 30, 1997 show further improved statistical outcomes from those reported in this data (actuarial graft survival of 92% over 3 years). We take this opportunity to thank the members of our transplant patient care teams and give them credit for their participation in the outcomes achieved.

Mark I. Aeder, M.D.
Director, Renal Transplantation



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for St John's Regional Medical Center - Joplin MO
Provider Number 260001 (MOSJ)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				4	100.0	91.3	4	4	0	100.0	91.3	8.7	1.00
1 Year				4	100.0	86.8	4	4	0	100.0	86.8	13.2	1.00
Cond. ³ 3 Years													
3 Years ³													

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				4	100.0	98.4	4	4.0	0.0	100.0	98.4	1.6	1.00
1 Year				4	100.0	96.2	4	4.0	0.0	100.0	96.2	3.8	1.00
Cond. ³ 3 Years													
3 Years ³													

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

St John's Regional Medical Center - Joplin MO
Provider Number 260001 (MOSJ)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		4	100.0	62572	100.0
Donor Type	Living	1	25.0	14525	23.2
	Cadaveric: Stroke	1	25.0	15624	25.0
	Cadaveric: MVA	0	0.0	13317	21.3
	Cadaveric: Other	2	50.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	0	0.0	10738	17.2
	18-30	0	0.0	19464	31.1
	31-45	1	25.0	18538	29.6
	46-60	3	75.0	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	4	100.0	49654	79.4
	Black	0	0.0	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	2	50.0	25808	41.2
	Male	2	50.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	1	25.0	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	1	25.0	5889	9.4
	Cadaveric: 12-21	1	25.0	16112	25.7
	Cadaveric: 22-31	0	0.0	14287	22.8
	Cadaveric: 32-41	1	25.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	0	0.0	5935	9.5
	1	0	0.0	3484	5.6
	2	1	25.0	9648	15.4
	3	2	50.0	16005	25.6
	4	1	25.0	14003	22.4
	5	0	0.0	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	1	25.0	20414	32.6
	36-45	3	75.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	4	100.0	41213	65.9
	Black	0	0.0	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	2	50.0	25078	40.1
	Male	2	50.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	4	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	3	75.0	54138	86.5
	Yes	1	25.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	0	0.0	19677	31.4
	1-5	2	50.0	23207	37.1
	6-10	0	0.0	5736	9.2
	11+	0	0.0	5280	8.4
	Not Reported	2	50.0	8672	13.9
Peak PRA Prior to Transplant	0	2	50.0	20469	32.7
	1- 19	2	50.0	26645	42.6
	20- 79	0	0.0	9976	15.9
	80-100	0	0.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	1	25.0	11726	18.7
	21-25	1	25.0	23821	38.1
	26-30	2	50.0	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	0	0.0	16923	27.0
	Cystic/Congenital	0	0.0	7349	11.7
	Systemic	0	0.0	11759	18.8
	Tubulointerstitial	1	25.0	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	0	0.0	5271	8.4
	Not Reported	3	75.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	4	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	0	0.0	10077	16.1
	1992	0	0.0	10157	16.2
	1993-1994	4	100.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	0	0.0	5716	9.1
	No	0	0.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	0	0.0	7249	11.6
	N/A*: No	4	100.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	0	0.0	13559	21.7
	No	0	0.0	19634	31.4
	N/A*: Yes	0	0.0	12277	19.6
	N/A*: No	4	100.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Saint Louis University Hospital - Saint Louis MO
Provider Number 260105 (MOSL)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	187	87.2	89.3	118	90.7	91.5	305	305	35	88.5	90.1	-1.6	0.34
1 Year	187	84.3	83.7	118	85.5	86.2	305	298	46	84.8	84.6	0.1	0.95
Cond. ³ 3 Years	152	94.0	90.7				152	140	9	94.0	90.7	3.2	0.16
3 Years ³		79.2	75.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	183	93.9	96.7	118	95.7	96.9	299	296.0	16.0	94.6	96.8	-2.2	0.03*
1 Year	183	93.2	93.5	118	92.2	93.5	299	286.5	21.0	92.8	93.5	-0.7	0.61
Cond. ³ 3 Years	159	92.2	94.1				159	150.5	12.0	92.2	94.1	-1.9	0.30
3 Years ³		85.9	88.1										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Saint Louis University Hospital - Saint Louis MO
Provider Number 260105 (MOSL)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		305	100.0	62572	100.0
Donor Type	Living	47	15.4	14525	23.2
	Cadaveric: Stroke	84	27.5	15624	25.0
	Cadaveric: MVA	54	17.7	13317	21.3
	Cadaveric: Other	120	39.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	59	19.3	10738	17.2
	18-30	108	35.4	19464	31.1
	31-45	83	27.2	18538	29.6
	46-60	47	15.4	11397	18.2
	61+	8	2.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	252	82.6	49654	79.4
	Black	44	14.4	6469	10.3
	Hispanic	4	1.3	4943	7.9
	Asian	3	1.0	801	1.3
	Other	2	0.7	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	121	39.7	25808	41.2
	Male	184	60.3	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	36	11.8	10970	17.5
	Living: 3-5	5	1.6	640	1.0
	Living: 6+	5	1.6	551	0.9
	Cadaveric: 0-11	75	24.6	5889	9.4
	Cadaveric: 12-21	108	35.4	16112	25.7
	Cadaveric: 22-31	42	13.8	14287	22.8
	Cadaveric: 32-41	19	6.2	7669	12.3
	Cadaveric: 42+	2	0.7	2519	4.0
	Not Reported	13	4.3	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	26	8.5	5935	9.5
	1	4	1.3	3484	5.6
	2	59	19.3	9648	15.4
	3	73	23.9	16005	25.6
	4	81	26.6	14003	22.4
	5	35	11.5	8963	14.3
	6	13	4.3	3009	4.8
	Not Reported	14	4.6	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	100	32.8	20414	32.6
	36-45	83	27.2	16397	26.2
	46-60	94	30.8	17170	27.4
	61+	28	9.2	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	218	71.5	41213	65.9
	Black	81	26.6	12675	20.3
	Hispanic	3	1.0	5632	9.0
	Asian	1	0.3	1740	2.8
	Other	2	0.7	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	99	32.5	25078	40.1
	Male	206	67.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	261	85.6	59783	95.5
	Kidney and Pancreas	44	14.4	2789	4.5
Previous Kidney Transplant	No	276	90.5	54138	86.5
	Yes	28	9.2	8247	13.2
	Not Reported	1	0.3	187	0.3
Pretransplant Transfusions	0	26	8.5	19677	31.4
	1-5	236	77.4	23207	37.1
	6-10	18	5.9	5736	9.2
	11+	6	2.0	5280	8.4
	Not Reported	19	6.2	8672	13.9
Peak PRA Prior to Transplant	0	180	59.0	20469	32.7
	1- 19	47	15.4	26645	42.6
	20- 79	38	12.5	9976	15.9
	80-100	12	3.9	4277	6.8
	Not Reported	28	9.2	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	46	15.1	11726	18.7
	21-25	131	43.0	23821	38.1
	26-30	68	22.3	12454	19.9
	31+	46	15.1	5762	9.2
	Not Reported	14	4.6	8809	14.1
Primary Kidney Disease	Glomerular	74	24.3	16923	27.0
	Cystic/Congenital	29	9.5	7349	11.7
	Systemic	64	21.0	11759	18.8
	Tubulointerstitial	20	6.6	4233	6.8
	Diabetes	95	31.1	14059	22.5
	Other Diagnosis	16	5.2	5271	8.4
	Not Reported	7	2.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	289	94.8	59280	94.7
	Hospitalized	14	4.6	1917	3.1
	ICU/Life Support	1	0.3	469	0.7
	Not Reported	1	0.3	906	1.4
Year of Transplant	1988	31	10.2	9021	14.4
	1989	28	9.2	8951	14.3
	1990	50	16.4	9819	15.7
	1991	55	18.0	10077	16.1
	1992	66	21.6	10157	16.2
	1993-1994	75	24.6	14547	23.2
Dialysis in First Week After Transplant*	Yes	23	7.5	5716	9.1
	No	122	40.0	26528	42.4
	Not Reported	7	2.3	949	1.5
	N/A*: Yes	35	11.5	7249	11.6
	N/A*: No	114	37.4	21509	34.4
	N/A*: Not Reported	4	1.3	621	1.0
Rejection in First 6 Months After Transplant*	Yes	42	13.8	13559	21.7
	No	110	36.1	19634	31.4
	N/A*: Yes	65	21.3	12277	19.6
	N/A*: No	88	28.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of Missouri Hospital & Clinic - Columbia MO
Provider Number 260141 (MOUM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	142	91.5	87.9	55	87.3	91.0	197	197	19	90.4	88.8	1.6	0.48
1 Year	142	80.3	82.8	55	83.6	86.4	197	197	37	81.2	83.8	-2.6	0.31
Cond. ³ 3 Years	113	88.1	92.0				113	104	13	88.1	92.0	-3.9	0.13
3 Years ³		70.7	76.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	139	97.1	96.9	55	100.0	97.7	190	188.0	4.0	97.9	97.1	0.7	0.55
1 Year	139	92.6	94.1	55	98.1	94.9	190	185.0	11.0	94.1	94.3	-0.2	0.90
Cond. ³ 3 Years	127	93.4	94.9				127	117.5	8.0	93.4	94.9	-1.5	0.44
3 Years ³		86.5	89.3										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of Missouri Hospital & Clinic - Columbia MO
Provider Number 260141 (MOUM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		197	100.0	62572	100.0
Donor Type	Living	32	16.2	14525	23.2
	Cadaveric: Stroke	44	22.3	15624	25.0
	Cadaveric: MVA	52	26.4	13317	21.3
	Cadaveric: Other	69	35.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	39	19.8	10738	17.2
	18-30	75	38.1	19464	31.1
	31-45	56	28.4	18538	29.6
	46-60	20	10.2	11397	18.2
	61+	7	3.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	179	90.9	49654	79.4
	Black	12	6.1	6469	10.3
	Hispanic	4	2.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	2	1.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	66	33.5	25808	41.2
	Male	131	66.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	28	14.2	10970	17.5
	Living: 3-5	1	0.5	640	1.0
	Living: 6+	3	1.5	551	0.9
	Cadaveric: 0-11	18	9.1	5889	9.4
	Cadaveric: 12-21	72	36.5	16112	25.7
	Cadaveric: 22-31	44	22.3	14287	22.8
	Cadaveric: 32-41	16	8.1	7669	12.3
	Cadaveric: 42+	8	4.1	2519	4.0
	Not Reported	7	3.6	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	17	8.6	5935	9.5
	1	14	7.1	3484	5.6
	2	28	14.2	9648	15.4
	3	55	27.9	16005	25.6
	4	53	26.9	14003	22.4
	5	26	13.2	8963	14.3
	6	3	1.5	3009	4.8
	Not Reported	1	0.5	1525	2.4
Recipient Age	0-17	11	5.6	3951	6.3
	18-35	65	33.0	20414	32.6
	36-45	50	25.4	16397	26.2
	46-60	58	29.4	17170	27.4
	61+	13	6.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	168	85.3	41213	65.9
	Black	24	12.2	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	5	2.5	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	72	36.5	25078	40.1
	Male	125	63.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	194	98.5	59783	95.5
	Kidney and Pancreas	3	1.5	2789	4.5
Previous Kidney Transplant	No	172	87.3	54138	86.5
	Yes	24	12.2	8247	13.2
	Not Reported	1	0.5	187	0.3
Pretransplant Transfusions	0	56	28.4	19677	31.4
	1-5	72	36.5	23207	37.1
	6-10	5	2.5	5736	9.2
	11+	8	4.1	5280	8.4
	Not Reported	56	28.4	8672	13.9
Peak PRA Prior to Transplant	0	58	29.4	20469	32.7
	1- 19	102	51.8	26645	42.6
	20- 79	25	12.7	9976	15.9
	80-100	11	5.6	4277	6.8
	Not Reported	1	0.5	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	20	10.2	11726	18.7
	21-25	67	34.0	23821	38.1
	26-30	23	11.7	12454	19.9
	31+	32	16.2	5762	9.2
	Not Reported	55	27.9	8809	14.1
Primary Kidney Disease	Glomerular	62	31.5	16923	27.0
	Cystic/Congenital	33	16.8	7349	11.7
	Systemic	26	13.2	11759	18.8
	Tubulointerstitial	8	4.1	4233	6.8
	Diabetes	30	15.2	14059	22.5
	Other Diagnosis	26	13.2	5271	8.4
	Not Reported	12	6.1	2978	4.8
Recipient Description at Transplant	Not Hospitalized	192	97.5	59280	94.7
	Hospitalized	2	1.0	1917	3.1
	ICU/Life Support	1	0.5	469	0.7
	Not Reported	2	1.0	906	1.4
Year of Transplant	1988	35	17.8	9021	14.4
	1989	33	16.8	8951	14.3
	1990	35	17.8	9819	15.7
	1991	29	14.7	10077	16.1
	1992	21	10.7	10157	16.2
	1993-1994	44	22.3	14547	23.2
Dialysis in First Week After Transplant*	Yes	19	9.6	5716	9.1
	No	85	43.1	26528	42.4
	Not Reported	9	4.6	949	1.5
	N/A*: Yes	21	10.7	7249	11.6
	N/A*: No	59	29.9	21509	34.4
	N/A*: Not Reported	4	2.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	21	10.7	13559	21.7
	No	92	46.7	19634	31.4
	N/A*: Yes	28	14.2	12277	19.6
	N/A*: No	56	28.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of Mississippi Medical Center - Jackson MS
Provider Number 250001 (MSUM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	89	92.1	86.9	49	81.6	90.8	138	138	16	88.4	88.3	0.1	0.97
1 Year	89	83.0	80.3	49	77.6	85.1	138	137	26	81.1	82.0	-0.9	0.78
Cond. ³ 3 Years	73	82.6	84.0				73	67	12	82.6	84.0	-1.4	0.74
3 Years ³		68.6	67.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	87	98.8	97.5	49	87.4	98.0	136	132.5	7.0	94.8	97.7	-2.9	0.02*
1 Year	87	96.5	95.3	49	87.3	95.8	136	130.0	9.0	93.2	95.5	-2.3	0.20
Cond. ³ 3 Years	81	93.5	95.5				81	72.0	5.0	93.5	95.5	-2.0	0.40
3 Years ³		90.2	91.0										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of Mississippi Medical Center - Jackson MS
Provider Number 250001 (MSUM)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		138	100.0	62572	100.0
Donor Type	Living	9	6.5	14525	23.2
	Cadaveric: Stroke	40	29.0	15624	25.0
	Cadaveric: MVA	45	32.6	13317	21.3
	Cadaveric: Other	44	31.9	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	31	22.5	10738	17.2
	18-30	54	39.1	19464	31.1
	31-45	29	21.0	18538	29.6
	46-60	19	13.8	11397	18.2
	61+	5	3.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	109	79.0	49654	79.4
	Black	27	19.6	6469	10.3
	Hispanic	1	0.7	4943	7.9
	Asian	0	0.0	801	1.3
	Other	1	0.7	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	46	33.3	25808	41.2
	Male	92	66.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	0	0.0	10970	17.5
	Living: 3-5	1	0.7	640	1.0
	Living: 6+	2	1.4	551	0.9
	Cadaveric: 0-11	11	8.0	5889	9.4
	Cadaveric: 12-21	45	32.6	16112	25.7
	Cadaveric: 22-31	39	28.3	14287	22.8
	Cadaveric: 32-41	14	10.1	7669	12.3
	Cadaveric: 42+	4	2.9	2519	4.0
	Not Reported	22	15.9	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	5	3.6	5935	9.5
	1	4	2.9	3484	5.6
	2	17	12.3	9648	15.4
	3	38	27.5	16005	25.6
	4	45	32.6	14003	22.4
	5	24	17.4	8963	14.3
	6	3	2.2	3009	4.8
	Not Reported	2	1.4	1525	2.4
Recipient Age	0-17	11	8.0	3951	6.3
	18-35	54	39.1	20414	32.6
	36-45	31	22.5	16397	26.2
	46-60	37	26.8	17170	27.4
	61+	5	3.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	41	29.7	41213	65.9
	Black	96	69.6	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	1	0.7	81	0.1
Recipient Gender	Female	52	37.7	25078	40.1
	Male	86	62.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	138	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	129	93.5	54138	86.5
	Yes	9	6.5	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	67	48.6	19677	31.4
	1-5	66	47.8	23207	37.1
	6-10	3	2.2	5736	9.2
	11+	1	0.7	5280	8.4
	Not Reported	1	0.7	8672	13.9
Peak PRA Prior to Transplant	0	33	23.9	20469	32.7
	1- 19	80	58.0	26645	42.6
	20- 79	20	14.5	9976	15.9
	80-100	4	2.9	4277	6.8
	Not Reported	1	0.7	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	19	13.8	11726	18.7
	21-25	33	23.9	23821	38.1
	26-30	27	19.6	12454	19.9
	31+	16	11.6	5762	9.2
	Not Reported	43	31.2	8809	14.1
Primary Kidney Disease	Glomerular	55	39.9	16923	27.0
	Cystic/Congenital	13	9.4	7349	11.7
	Systemic	44	31.9	11759	18.8
	Tubulointerstitial	4	2.9	4233	6.8
	Diabetes	10	7.2	14059	22.5
	Other Diagnosis	6	4.3	5271	8.4
	Not Reported	6	4.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	136	98.6	59280	94.7
	Hospitalized	2	1.4	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	21	15.2	9021	14.4
	1989	14	10.1	8951	14.3
	1990	22	15.9	9819	15.7
	1991	24	17.4	10077	16.1
	1992	13	9.4	10157	16.2
	1993-1994	44	31.9	14547	23.2
Dialysis in First Week After Transplant*	Yes	32	23.2	5716	9.1
	No	38	27.5	26528	42.4
	Not Reported	3	2.2	949	1.5
	N/A*: Yes	31	22.5	7249	11.6
	N/A*: No	34	24.6	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	65	47.1	13559	21.7
	No	8	5.8	19634	31.4
	N/A*: Yes	45	32.6	12277	19.6
	N/A*: No	20	14.5	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for North Carolina Baptist Hospital - Winston-Salem NC
Provider Number 340047 (NCBG)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	157	85.4	89.7	101	90.1	90.0	258	258	33	87.2	89.8	-2.6	0.16
1 Year	157	80.9	85.0	101	84.1	84.7	258	257	46	82.1	84.9	-2.7	0.21
Cond. ³ 3 Years	127	88.9	91.1				127	123	14	88.9	91.1	-2.2	0.37
3 Years ³		71.9	77.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	153	97.4	97.7	100	97.9	97.5	250	248.8	6.0	97.6	97.6	-0.0	0.99
1 Year	153	96.0	95.5	100	94.8	94.8	250	247.3	11.0	95.6	95.2	0.4	0.78
Cond. ³ 3 Years	147	95.1	95.8				147	140.0	7.0	95.1	95.8	-0.7	0.67
3 Years ³		91.4	91.5										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

North Carolina Baptist Hospital - Winston-Salem NC
Provider Number 340047 (NCBG)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		258	100.0	62572	100.0
Donor Type	Living	60	23.3	14525	23.2
	Cadaveric: Stroke	69	26.7	15624	25.0
	Cadaveric: MVA	53	20.5	13317	21.3
	Cadaveric: Other	76	29.5	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	35	13.6	10738	17.2
	18-30	96	37.2	19464	31.1
	31-45	75	29.1	18538	29.6
	46-60	46	17.8	11397	18.2
	61+	6	2.3	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	217	84.1	49654	79.4
	Black	33	12.8	6469	10.3
	Hispanic	7	2.7	4943	7.9
	Asian	0	0.0	801	1.3
	Other	1	0.4	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	114	44.2	25808	41.2
	Male	144	55.8	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	34	13.2	10970	17.5
	Living: 3-5	1	0.4	640	1.0
	Living: 6+	10	3.9	551	0.9
	Cadaveric: 0-11	36	14.0	5889	9.4
	Cadaveric: 12-21	45	17.4	16112	25.7
	Cadaveric: 22-31	45	17.4	14287	22.8
	Cadaveric: 32-41	29	11.2	7669	12.3
	Cadaveric: 42+	9	3.5	2519	4.0
	Not Reported	49	19.0	3935	6.3

		---- Program----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	27	10.5	5935	9.5
	1	25	9.7	3484	5.6
	2	36	14.0	9648	15.4
	3	91	35.3	16005	25.6
	4	62	24.0	14003	22.4
	5	15	5.8	8963	14.3
	6	1	0.4	3009	4.8
	Not Reported	1	0.4	1525	2.4
Recipient Age	0-17	25	9.7	3951	6.3
	18-35	79	30.6	20414	32.6
	36-45	75	29.1	16397	26.2
	46-60	62	24.0	17170	27.4
	61+	17	6.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	183	70.9	41213	65.9
	Black	72	27.9	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	1	0.4	1740	2.8
	Other	2	0.8	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	98	38.0	25078	40.1
	Male	160	62.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	257	99.6	59783	95.5
	Kidney and Pancreas	1	0.4	2789	4.5
Previous Kidney Transplant	No	219	84.9	54138	86.5
	Yes	39	15.1	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	24	9.3	19677	31.4
	1-5	196	76.0	23207	37.1
	6-10	6	2.3	5736	9.2
	11+	1	0.4	5280	8.4
	Not Reported	31	12.0	8672	13.9
Peak PRA Prior to Transplant	0	66	25.6	20469	32.7
	1- 19	127	49.2	26645	42.6
	20- 79	44	17.1	9976	15.9
	80-100	19	7.4	4277	6.8
	Not Reported	2	0.8	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	50	19.4	11726	18.7
	21-25	104	40.3	23821	38.1
	26-30	71	27.5	12454	19.9
	31+	25	9.7	5762	9.2
	Not Reported	8	3.1	8809	14.1
Primary Kidney Disease	Glomerular	82	31.8	16923	27.0
	Cystic/Congenital	37	14.3	7349	11.7
	Systemic	34	13.2	11759	18.8
	Tubulointerstitial	9	3.5	4233	6.8
	Diabetes	46	17.8	14059	22.5
	Other Diagnosis	25	9.7	5271	8.4
	Not Reported	25	9.7	2978	4.8
Recipient Description at Transplant	Not Hospitalized	248	96.1	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	10	3.9	906	1.4
Year of Transplant	1988	20	7.8	9021	14.4
	1989	32	12.4	8951	14.3
	1990	29	11.2	9819	15.7
	1991	60	23.3	10077	16.1
	1992	44	17.1	10157	16.2
	1993-1994	73	28.3	14547	23.2
Dialysis in First Week After Transplant*	Yes	22	8.5	5716	9.1
	No	97	37.6	26528	42.4
	Not Reported	8	3.1	949	1.5
	N/A*: Yes	39	15.1	7249	11.6
	N/A*: No	85	32.9	21509	34.4
	N/A*: Not Reported	7	2.7	621	1.0
Rejection in First 6 Months After Transplant*	Yes	54	20.9	13559	21.7
	No	73	28.3	19634	31.4
	N/A*: Yes	35	13.6	12277	19.6
	N/A*: No	96	37.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Carolinas Medical Center - Charlotte NC
Provider Number 340113 (NCCM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	217	87.6	88.0	117	90.6	90.3	334	334	38	88.6	88.8	-0.2	0.92
1 Year	217	80.6	82.4	117	88.0	84.9	334	334	56	83.2	83.2	-0.0	0.99
Cond. ³ 3 Years	174	86.9	89.6				174	161	22	86.9	89.6	-2.6	0.25
3 Years ³		70.1	73.8										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	209	94.6	97.3	115	98.2	97.6	319	314.2	13.0	95.9	97.4	-1.6	0.08
1 Year	209	89.5	94.7	115	97.2	95.0	319	312.2	24.5	92.2	94.8	-2.6	0.04*
Cond. ³ 3 Years	187	92.8	94.9				187	173.5	13.0	92.8	94.9	-2.1	0.20
3 Years ³		83.1	89.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Carolinas Medical Center - Charlotte NC
Provider Number 340113 (NCCM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		334	100.0	62572	100.0
Donor Type	Living	49	14.7	14525	23.2
	Cadaveric: Stroke	96	28.7	15624	25.0
	Cadaveric: MVA	64	19.2	13317	21.3
	Cadaveric: Other	125	37.4	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	63	18.9	10738	17.2
	18-30	100	29.9	19464	31.1
	31-45	96	28.7	18538	29.6
	46-60	53	15.9	11397	18.2
	61+	20	6.0	2394	3.8
	Not Reported	2	0.6	41	0.1
Donor Race	White	282	84.4	49654	79.4
	Black	45	13.5	6469	10.3
	Hispanic	4	1.2	4943	7.9
	Asian	1	0.3	801	1.3
	Other	2	0.6	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	131	39.2	25808	41.2
	Male	203	60.8	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	43	12.9	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	3	0.9	551	0.9
	Cadaveric: 0-11	30	9.0	5889	9.4
	Cadaveric: 12-21	119	35.6	16112	25.7
	Cadaveric: 22-31	63	18.9	14287	22.8
	Cadaveric: 32-41	41	12.3	7669	12.3
	Cadaveric: 42+	14	4.2	2519	4.0
	Not Reported	21	6.3	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	30	9.0	5935	9.5
	1	17	5.1	3484	5.6
	2	62	18.6	9648	15.4
	3	93	27.8	16005	25.6
	4	78	23.4	14003	22.4
	5	40	12.0	8963	14.3
	6	10	3.0	3009	4.8
	Not Reported	4	1.2	1525	2.4
Recipient Age	0-17	5	1.5	3951	6.3
	18-35	123	36.8	20414	32.6
	36-45	106	31.7	16397	26.2
	46-60	91	27.2	17170	27.4
	61+	9	2.7	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	214	64.1	41213	65.9
	Black	113	33.8	12675	20.3
	Hispanic	1	0.3	5632	9.0
	Asian	2	0.6	1740	2.8
	Other	3	0.9	1231	2.0
	Not Reported	1	0.3	81	0.1
Recipient Gender	Female	119	35.6	25078	40.1
	Male	215	64.4	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	334	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	286	85.6	54138	86.5
	Yes	48	14.4	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	104	31.1	19677	31.4
	1-5	107	32.0	23207	37.1
	6-10	15	4.5	5736	9.2
	11+	5	1.5	5280	8.4
	Not Reported	103	30.8	8672	13.9
Peak PRA Prior to Transplant	0	250	74.9	20469	32.7
	1- 19	29	8.7	26645	42.6
	20- 79	44	13.2	9976	15.9
	80-100	10	3.0	4277	6.8
	Not Reported	1	0.3	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	56	16.8	11726	18.7
	21-25	127	38.0	23821	38.1
	26-30	102	30.5	12454	19.9
	31+	36	10.8	5762	9.2
	Not Reported	13	3.9	8809	14.1
Primary Kidney Disease	Glomerular	109	32.6	16923	27.0
	Cystic/Congenital	42	12.6	7349	11.7
	Systemic	72	21.6	11759	18.8
	Tubulointerstitial	29	8.7	4233	6.8
	Diabetes	62	18.6	14059	22.5
	Other Diagnosis	14	4.2	5271	8.4
	Not Reported	6	1.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	305	91.3	59280	94.7
	Hospitalized	27	8.1	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	2	0.6	906	1.4
Year of Transplant	1988	56	16.8	9021	14.4
	1989	44	13.2	8951	14.3
	1990	51	15.3	9819	15.7
	1991	46	13.8	10077	16.1
	1992	61	18.3	10157	16.2
	1993-1994	76	22.8	14547	23.2
Dialysis in First Week After Transplant*	Yes	20	6.0	5716	9.1
	No	149	44.6	26528	42.4
	Not Reported	5	1.5	949	1.5
	N/A*: Yes	38	11.4	7249	11.6
	N/A*: No	120	35.9	21509	34.4
	N/A*: Not Reported	2	0.6	621	1.0
Rejection in First 6 Months After Transplant*	Yes	52	15.6	13559	21.7
	No	122	36.5	19634	31.4
	N/A*: Yes	46	13.8	12277	19.6
	N/A*: No	114	34.1	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Duke University Medical Center - Durham NC
Provider Number 340030 (NCDU)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	267	88.4	88.5	113	92.0	90.9	380	380	40	89.5	89.2	0.3	0.85
1 Year	267	82.4	82.7	113	83.0	85.7	380	370	66	82.5	83.6	-1.0	0.57
Cond. ³ 3 Years	216	86.2	89.9				216	199	29	86.2	89.9	-3.7	0.06
3 Years ³		71.0	74.3										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	262	97.1	97.1	112	100.0	97.7	368	362.5	7.5	97.9	97.3	0.7	0.43
1 Year	262	95.1	94.2	112	97.1	95.0	368	345.0	15.5	95.7	94.4	1.2	0.29
Cond. ³ 3 Years	240	96.4	94.6				240	204.5	8.0	96.4	94.6	1.8	0.22
3 Years ³		91.7	89.1										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Duke University Medical Center - Durham NC
Provider Number 340030 (NCDU)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		380	100.0	62572	100.0
Donor Type	Living	92	24.2	14525	23.2
	Cadaveric: Stroke	65	17.1	15624	25.0
	Cadaveric: MVA	78	20.5	13317	21.3
	Cadaveric: Other	145	38.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	77	20.3	10738	17.2
	18-30	95	25.0	19464	31.1
	31-45	110	28.9	18538	29.6
	46-60	75	19.7	11397	18.2
	61+	23	6.1	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	314	82.6	49654	79.4
	Black	49	12.9	6469	10.3
	Hispanic	11	2.9	4943	7.9
	Asian	1	0.3	801	1.3
	Other	5	1.3	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	143	37.6	25808	41.2
	Male	237	62.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	90	23.7	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	27	7.1	5889	9.4
	Cadaveric: 12-21	122	32.1	16112	25.7
	Cadaveric: 22-31	99	26.1	14287	22.8
	Cadaveric: 32-41	27	7.1	7669	12.3
	Cadaveric: 42+	6	1.6	2519	4.0
	Not Reported	9	2.4	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	45	11.8	5935	9.5
	1	30	7.9	3484	5.6
	2	71	18.7	9648	15.4
	3	106	27.9	16005	25.6
	4	81	21.3	14003	22.4
	5	32	8.4	8963	14.3
	6	12	3.2	3009	4.8
	Not Reported	3	0.8	1525	2.4
Recipient Age	0-17	25	6.6	3951	6.3
	18-35	131	34.5	20414	32.6
	36-45	125	32.9	16397	26.2
	46-60	90	23.7	17170	27.4
	61+	9	2.4	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	253	66.6	41213	65.9
	Black	119	31.3	12675	20.3
	Hispanic	3	0.8	5632	9.0
	Asian	1	0.3	1740	2.8
	Other	4	1.1	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	158	41.6	25078	40.1
	Male	222	58.4	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	327	86.1	59783	95.5
	Kidney and Pancreas	53	13.9	2789	4.5
Previous Kidney Transplant	No	334	87.9	54138	86.5
	Yes	46	12.1	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	116	30.5	19677	31.4
	1-5	172	45.3	23207	37.1
	6-10	15	3.9	5736	9.2
	11+	8	2.1	5280	8.4
	Not Reported	69	18.2	8672	13.9
Peak PRA Prior to Transplant	0	201	52.9	20469	32.7
	1- 19	92	24.2	26645	42.6
	20- 79	51	13.4	9976	15.9
	80-100	34	8.9	4277	6.8
	Not Reported	2	0.5	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	84	22.1	11726	18.7
	21-25	158	41.6	23821	38.1
	26-30	99	26.1	12454	19.9
	31+	38	10.0	5762	9.2
	Not Reported	1	0.3	8809	14.1
Primary Kidney Disease	Glomerular	81	21.3	16923	27.0
	Cystic/Congenital	55	14.5	7349	11.7
	Systemic	82	21.6	11759	18.8
	Tubulointerstitial	20	5.3	4233	6.8
	Diabetes	110	28.9	14059	22.5
	Other Diagnosis	18	4.7	5271	8.4
	Not Reported	14	3.7	2978	4.8
Recipient Description at Transplant	Not Hospitalized	378	99.5	59280	94.7
	Hospitalized	2	0.5	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	61	16.1	9021	14.4
	1989	55	14.5	8951	14.3
	1990	56	14.7	9819	15.7
	1991	76	20.0	10077	16.1
	1992	51	13.4	10157	16.2
	1993-1994	81	21.3	14547	23.2
Dialysis in First Week After Transplant*	Yes	41	10.8	5716	9.1
	No	175	46.1	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	48	12.6	7249	11.6
	N/A*: No	116	30.5	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	64	16.8	13559	21.7
	No	152	40.0	19634	31.4
	N/A*: Yes	79	20.8	12277	19.6
	N/A*: No	85	22.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Durham VA Medical Center - Durham NC
Provider Number 34012F (NCDV)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	34	88.2	87.4	14	92.9	91.3	48	48	5	89.6	88.5	1.1	0.81
1 Year	34	79.4	80.5	14	78.2	85.9	48	47	10	79.1	82.1	-3.0	0.58
Cond. ³ 3 Years	27	88.4	87.4				27	25	3	88.4	87.4	1.0	0.87
3 Years ³		70.2	70.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	32	100.0	96.6	14	100.0	97.8	46	45.5	0.0	100.0	97.0	3.0	0.23
1 Year	32	93.6	93.4	14	92.7	95.0	46	43.5	3.0	93.3	93.9	-0.6	0.86
Cond. ³ 3 Years	29	96.3	93.2				29	25.0	1.0	96.3	93.2	3.1	0.51
3 Years ³		90.2	87.1										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Durham VA Medical Center - Durham NC
Provider Number 34012F (NCDV)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		48	100.0	62572	100.0
Donor Type	Living	10	20.8	14525	23.2
	Cadaveric: Stroke	12	25.0	15624	25.0
	Cadaveric: MVA	8	16.7	13317	21.3
	Cadaveric: Other	18	37.5	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	6	12.5	10738	17.2
	18-30	15	31.3	19464	31.1
	31-45	18	37.5	18538	29.6
	46-60	5	10.4	11397	18.2
	61+	4	8.3	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	32	66.7	49654	79.4
	Black	13	27.1	6469	10.3
	Hispanic	1	2.1	4943	7.9
	Asian	0	0.0	801	1.3
	Other	2	4.2	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	23	47.9	25808	41.2
	Male	25	52.1	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	9	18.8	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	1	2.1	5889	9.4
	Cadaveric: 12-21	8	16.7	16112	25.7
	Cadaveric: 22-31	12	25.0	14287	22.8
	Cadaveric: 32-41	10	20.8	7669	12.3
	Cadaveric: 42+	1	2.1	2519	4.0
	Not Reported	7	14.6	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	8	16.7	5935	9.5
	1	3	6.3	3484	5.6
	2	7	14.6	9648	15.4
	3	12	25.0	16005	25.6
	4	11	22.9	14003	22.4
	5	4	8.3	8963	14.3
	6	1	2.1	3009	4.8
	Not Reported	2	4.2	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	12	25.0	20414	32.6
	36-45	13	27.1	16397	26.2
	46-60	22	45.8	17170	27.4
	61+	1	2.1	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	17	35.4	41213	65.9
	Black	29	60.4	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	2	4.2	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	3	6.3	25078	40.1
	Male	45	93.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	46	95.8	59783	95.5
	Kidney and Pancreas	2	4.2	2789	4.5
Previous Kidney Transplant	No	43	89.6	54138	86.5
	Yes	5	10.4	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	11	22.9	19677	31.4
	1-5	19	39.6	23207	37.1
	6-10	2	4.2	5736	9.2
	11+	2	4.2	5280	8.4
	Not Reported	14	29.2	8672	13.9
Peak PRA Prior to Transplant	0	19	39.6	20469	32.7
	1- 19	24	50.0	26645	42.6
	20- 79	2	4.2	9976	15.9
	80-100	3	6.3	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	0	0.0	11726	18.7
	21-25	5	10.4	23821	38.1
	26-30	2	4.2	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	41	85.4	8809	14.1
Primary Kidney Disease	Glomerular	15	31.3	16923	27.0
	Cystic/Congenital	8	16.7	7349	11.7
	Systemic	13	27.1	11759	18.8
	Tubulointerstitial	2	4.2	4233	6.8
	Diabetes	7	14.6	14059	22.5
	Other Diagnosis	3	6.3	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	45	93.8	59280	94.7
	Hospitalized	2	4.2	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	2.1	906	1.4
Year of Transplant	1988	12	25.0	9021	14.4
	1989	11	22.9	8951	14.3
	1990	5	10.4	9819	15.7
	1991	5	10.4	10077	16.1
	1992	6	12.5	10157	16.2
	1993-1994	9	18.8	14547	23.2
Dialysis in First Week After Transplant*	Yes	9	18.8	5716	9.1
	No	17	35.4	26528	42.4
	Not Reported	1	2.1	949	1.5
	N/A*: Yes	8	16.7	7249	11.6
	N/A*: No	13	27.1	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	6	12.5	13559	21.7
	No	21	43.8	19634	31.4
	N/A*: Yes	3	6.3	12277	19.6
	N/A*: No	18	37.5	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Pitt County Memorial Hospital - Greenville NC
Provider Number 340040 (NCEC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	102	79.2	88.8	45	93.3	91.7	147	145	24	83.5	89.7	-6.2	0.01*
1 Year	102	70.3	83.3	45	90.7	86.6	147	141	34	76.4	84.3	-7.9	<0.01*
Cond. ³ 3 Years	70	92.4	90.2				70	62	5	92.4	90.2	2.2	0.54
3 Years ³		64.9	75.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	102	96.0	97.5	45	97.7	98.2	146	142.5	5.0	96.5	97.7	-1.2	0.35
1 Year	102	89.9	95.1	45	95.3	95.8	146	134.5	12.0	91.5	95.3	-3.8	0.03*
Cond. ³ 3 Years	86	98.7	95.4				86	67.0	1.0	98.7	95.4	3.3	0.17
3 Years ³		88.7	90.7										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Pitt County Memorial Hospital - Greenville NC
Provider Number 340040 (NCEC)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		147	100.0	62572	100.0
Donor Type	Living	62	42.2	14525	23.2
	Cadaveric: Stroke	14	9.5	15624	25.0
	Cadaveric: MVA	30	20.4	13317	21.3
	Cadaveric: Other	41	27.9	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	23	15.6	10738	17.2
	18-30	60	40.8	19464	31.1
	31-45	44	29.9	18538	29.6
	46-60	17	11.6	11397	18.2
	61+	3	2.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	105	71.4	49654	79.4
	Black	38	25.9	6469	10.3
	Hispanic	3	2.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	1	0.7	85	0.1
Donor Gender	Female	59	40.1	25808	41.2
	Male	88	59.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	43	29.3	10970	17.5
	Living: 3-5	14	9.5	640	1.0
	Living: 6+	2	1.4	551	0.9
	Cadaveric: 0-11	11	7.5	5889	9.4
	Cadaveric: 12-21	30	20.4	16112	25.7
	Cadaveric: 22-31	19	12.9	14287	22.8
	Cadaveric: 32-41	19	12.9	7669	12.3
	Cadaveric: 42+	5	3.4	2519	4.0
	Not Reported	4	2.7	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	16	10.9	5935	9.5
	1	13	8.8	3484	5.6
	2	20	13.6	9648	15.4
	3	38	25.9	16005	25.6
	4	30	20.4	14003	22.4
	5	27	18.4	8963	14.3
	6	3	2.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	9	6.1	3951	6.3
	18-35	46	31.3	20414	32.6
	36-45	44	29.9	16397	26.2
	46-60	42	28.6	17170	27.4
	61+	6	4.1	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	66	44.9	41213	65.9
	Black	79	53.7	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	1	0.7	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	1	0.7	81	0.1
Recipient Gender	Female	68	46.3	25078	40.1
	Male	79	53.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	145	98.6	59783	95.5
	Kidney and Pancreas	2	1.4	2789	4.5
Previous Kidney Transplant	No	135	91.8	54138	86.5
	Yes	12	8.2	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	56	38.1	19677	31.4
	1-5	58	39.5	23207	37.1
	6-10	6	4.1	5736	9.2
	11+	6	4.1	5280	8.4
	Not Reported	21	14.3	8672	13.9
Peak PRA Prior to Transplant	0	23	15.6	20469	32.7
	1- 19	83	56.5	26645	42.6
	20- 79	33	22.4	9976	15.9
	80-100	7	4.8	4277	6.8
	Not Reported	1	0.7	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	31	21.1	11726	18.7
	21-25	65	44.2	23821	38.1
	26-30	28	19.0	12454	19.9
	31+	19	12.9	5762	9.2
	Not Reported	4	2.7	8809	14.1
Primary Kidney Disease	Glomerular	56	38.1	16923	27.0
	Cystic/Congenital	11	7.5	7349	11.7
	Systemic	45	30.6	11759	18.8
	Tubulointerstitial	5	3.4	4233	6.8
	Diabetes	21	14.3	14059	22.5
	Other Diagnosis	6	4.1	5271	8.4
	Not Reported	3	2.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	133	90.5	59280	94.7
	Hospitalized	14	9.5	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	27	18.4	9021	14.4
	1989	20	13.6	8951	14.3
	1990	26	17.7	9819	15.7
	1991	23	15.6	10077	16.1
	1992	23	15.6	10157	16.2
	1993-1994	28	19.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	6	4.1	5716	9.1
	No	64	43.5	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	19	12.9	7249	11.6
	N/A*: No	57	38.8	21509	34.4
	N/A*: Not Reported	1	0.7	621	1.0
Rejection in First 6 Months After Transplant*	Yes	17	11.6	13559	21.7
	No	53	36.1	19634	31.4
	N/A*: Yes	10	6.8	12277	19.6
	N/A*: No	67	45.6	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Pitt County Memorial Hospital
200 Stantonsburgh Road, Greenville, NC 27835
Provider Number 340040 (NCEC)**

May 8, 1997

The kidney transplant data indicate a change in the program. We are committed to providing the highest level of care possible to our patients. In January of 1992 new immunosuppression protocols were instituted. Later a commitment to living donations was undertaken. This has resulted in increased transplants for the group of patients we served and improved graft survival rates. We plan to maintain high quality care for our patients.

Carl E. Haisch, MD
Director, Surgical Immunological and
Transplantation



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of North Carolina Hospitals - Chapel Hill NC
Provider Number 340061 (NCMH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	163	88.3	91.3	72	88.9	91.8	235	235	27	88.5	91.4	-2.9	0.10
1 Year	163	82.1	86.9	72	81.9	87.4	235	232	42	82.0	87.0	-5.0	0.02*
Cond. ³ 3 Years	132	89.8	90.3				132	122	13	89.8	90.3	-0.5	0.83
3 Years ³		73.7	78.5										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	161	98.7	98.0	72	98.6	98.2	229	227.5	3.0	98.7	98.1	0.6	0.50
1 Year	161	95.2	96.0	72	97.1	96.1	229	224.5	9.5	95.8	96.0	-0.2	0.85
Cond. ³ 3 Years	152	95.3	95.8				152	142.5	7.0	95.3	95.8	-0.6	0.72
3 Years ³		90.7	92.0										

Notes: ¹. No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

². A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³. Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴. The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵. No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of North Carolina Hospitals - Chapel Hill NC
Provider Number 340061 (NCMH)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		235	100.0	62572	100.0
Donor Type	Living	119	50.6	14525	23.2
	Cadaveric: Stroke	20	8.5	15624	25.0
	Cadaveric: MVA	30	12.8	13317	21.3
	Cadaveric: Other	66	28.1	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	19	8.1	10738	17.2
	18-30	74	31.5	19464	31.1
	31-45	95	40.4	18538	29.6
	46-60	43	18.3	11397	18.2
	61+	4	1.7	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	173	73.6	49654	79.4
	Black	48	20.4	6469	10.3
	Hispanic	8	3.4	4943	7.9
	Asian	0	0.0	801	1.3
	Other	6	2.6	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	106	45.1	25808	41.2
	Male	129	54.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	111	47.2	10970	17.5
	Living: 3-5	7	3.0	640	1.0
	Living: 6+	1	0.4	551	0.9
	Cadaveric: 0-11	10	4.3	5889	9.4
	Cadaveric: 12-21	54	23.0	16112	25.7
	Cadaveric: 22-31	38	16.2	14287	22.8
	Cadaveric: 32-41	10	4.3	7669	12.3
	Cadaveric: 42+	1	0.4	2519	4.0
	Not Reported	3	1.3	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	36	15.3	5935	9.5
	1	19	8.1	3484	5.6
	2	42	17.9	9648	15.4
	3	76	32.3	16005	25.6
	4	35	14.9	14003	22.4
	5	20	8.5	8963	14.3
	6	5	2.1	3009	4.8
	Not Reported	2	0.9	1525	2.4
Recipient Age	0-17	30	12.8	3951	6.3
	18-35	79	33.6	20414	32.6
	36-45	58	24.7	16397	26.2
	46-60	62	26.4	17170	27.4
	61+	6	2.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	122	51.9	41213	65.9
	Black	99	42.1	12675	20.3
	Hispanic	5	2.1	5632	9.0
	Asian	1	0.4	1740	2.8
	Other	8	3.4	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	94	40.0	25078	40.1
	Male	141	60.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	234	99.6	59783	95.5
	Kidney and Pancreas	1	0.4	2789	4.5
Previous Kidney Transplant	No	206	87.7	54138	86.5
	Yes	29	12.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	81	34.5	19677	31.4
	1-5	132	56.2	23207	37.1
	6-10	14	6.0	5736	9.2
	11+	6	2.6	5280	8.4
	Not Reported	2	0.9	8672	13.9
Peak PRA Prior to Transplant	0	119	50.6	20469	32.7
	1- 19	59	25.1	26645	42.6
	20- 79	33	14.0	9976	15.9
	80-100	21	8.9	4277	6.8
	Not Reported	3	1.3	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	53	22.6	11726	18.7
	21-25	84	35.7	23821	38.1
	26-30	31	13.2	12454	19.9
	31+	14	6.0	5762	9.2
	Not Reported	53	22.6	8809	14.1
Primary Kidney Disease	Glomerular	51	21.7	16923	27.0
	Cystic/Congenital	29	12.3	7349	11.7
	Systemic	73	31.1	11759	18.8
	Tubulointerstitial	18	7.7	4233	6.8
	Diabetes	29	12.3	14059	22.5
	Other Diagnosis	27	11.5	5271	8.4
	Not Reported	8	3.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	235	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	27	11.5	9021	14.4
	1989	29	12.3	8951	14.3
	1990	45	19.1	9819	15.7
	1991	49	20.9	10077	16.1
	1992	38	16.2	10157	16.2
	1993-1994	47	20.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	28	11.9	5716	9.1
	No	104	44.3	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	42	17.9	7249	11.6
	N/A*: No	61	26.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	49	20.9	13559	21.7
	No	83	35.3	19634	31.4
	N/A*: Yes	39	16.6	12277	19.6
	N/A*: No	64	27.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Dakota Heartland Health System - Fargo ND
Provider Number 350004 (NDDH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	14	100.0	90.9	14	92.9	91.8	28	28	1	96.4	91.4	5.1	0.33
1 Year	14	92.9	86.7	14	92.9	87.4	28	28	2	92.9	87.0	5.8	0.35
Cond. ³ 3 Years	13	100.0	95.4				13	13	0	100.0	95.4	4.6	0.42
3 Years ³		92.9	82.7										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	14	100.0	97.1	14	92.9	96.9	28	28.0	1.0	96.4	97.0	-0.6	0.85
1 Year	14	92.9	93.8	14	92.9	93.4	28	28.0	2.0	92.9	93.6	-0.7	0.87
Cond. ³ 3 Years	13	100.0	93.7				13	13.0	0.0	100.0	93.7	6.3	0.34
3 Years ³		92.9	87.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Dakota Heartland Health System - Fargo ND
Provider Number 350004 (NDDH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		28	100.0	62572	100.0
Donor Type	Living	11	39.3	14525	23.2
	Cadaveric: Stroke	6	21.4	15624	25.0
	Cadaveric: MVA	4	14.3	13317	21.3
	Cadaveric: Other	7	25.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	7	25.0	10738	17.2
	18-30	5	17.9	19464	31.1
	31-45	11	39.3	18538	29.6
	46-60	5	17.9	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	27	96.4	49654	79.4
	Black	0	0.0	6469	10.3
	Hispanic	1	3.6	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	16	57.1	25808	41.2
	Male	12	42.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	11	39.3	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	1	3.6	5889	9.4
	Cadaveric: 12-21	9	32.1	16112	25.7
	Cadaveric: 22-31	7	25.0	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	3	10.7	5935	9.5
	1	0	0.0	3484	5.6
	2	6	21.4	9648	15.4
	3	8	28.6	16005	25.6
	4	5	17.9	14003	22.4
	5	3	10.7	8963	14.3
	6	1	3.6	3009	4.8
	Not Reported	2	7.1	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	7	25.0	20414	32.6
	36-45	5	17.9	16397	26.2
	46-60	12	42.9	17170	27.4
	61+	4	14.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	27	96.4	41213	65.9
	Black	0	0.0	12675	20.3
	Hispanic	1	3.6	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	11	39.3	25078	40.1
	Male	17	60.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	28	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	28	100.0	54138	86.5
	Yes	0	0.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	9	32.1	19677	31.4
	1-5	15	53.6	23207	37.1
	6-10	2	7.1	5736	9.2
	11+	2	7.1	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	12	42.9	20469	32.7
	1- 19	11	39.3	26645	42.6
	20- 79	2	7.1	9976	15.9
	80-100	3	10.7	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	5	17.9	11726	18.7
	21-25	12	42.9	23821	38.1
	26-30	7	25.0	12454	19.9
	31+	3	10.7	5762	9.2
	Not Reported	1	3.6	8809	14.1
Primary Kidney Disease	Glomerular	4	14.3	16923	27.0
	Cystic/Congenital	3	10.7	7349	11.7
	Systemic	4	14.3	11759	18.8
	Tubulointerstitial	1	3.6	4233	6.8
	Diabetes	5	17.9	14059	22.5
	Other Diagnosis	6	21.4	5271	8.4
	Not Reported	5	17.9	2978	4.8
Recipient Description at Transplant	Not Hospitalized	28	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	6	21.4	9819	15.7
	1991	7	25.0	10077	16.1
	1992	6	21.4	10157	16.2
	1993-1994	9	32.1	14547	23.2
Dialysis in First Week After Transplant*	Yes	2	7.1	5716	9.1
	No	11	39.3	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	6	21.4	7249	11.6
	N/A*: No	9	32.1	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	8	28.6	13559	21.7
	No	5	17.9	19634	31.4
	N/A*: Yes	6	21.4	12277	19.6
	N/A*: No	9	32.1	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Medcenter One Hospital - Bismarck ND
Provider Number 350015 (NDMC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	31	93.5	91.9	24	87.5	89.6	55	55	5	90.9	90.9	0.0	1.00
1 Year	31	93.5	87.8	24	83.3	84.0	55	55	6	89.1	86.1	2.9	0.51
Cond. ³ 3 Years	29	85.6	94.7				29	26	4	85.6	94.7	-9.2	0.03*
3 Years ³		80.1	83.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	30	100.0	97.0	24	100.0	96.3	54	54.0	0.0	100.0	96.7	3.3	0.17
1 Year	30	100.0	94.1	24	100.0	92.2	54	54.0	0.0	100.0	93.3	6.7	0.04*
Cond. ³ 3 Years	30	86.5	94.0				30	29.0	4.0	86.5	94.0	-7.5	0.08
3 Years ³		86.5	88.5										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Medcenter One Hospital - Bismarck ND
Provider Number 350015 (NDMC)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		55	100.0	62572	100.0
Donor Type	Living	23	41.8	14525	23.2
	Cadaveric: Stroke	13	23.6	15624	25.0
	Cadaveric: MVA	10	18.2	13317	21.3
	Cadaveric: Other	9	16.4	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	5	9.1	10738	17.2
	18-30	16	29.1	19464	31.1
	31-45	22	40.0	18538	29.6
	46-60	8	14.5	11397	18.2
	61+	4	7.3	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	46	83.6	49654	79.4
	Black	0	0.0	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	9	16.4	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	30	54.5	25808	41.2
	Male	25	45.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	18	32.7	10970	17.5
	Living: 3-5	5	9.1	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	3	5.5	5889	9.4
	Cadaveric: 12-21	6	10.9	16112	25.7
	Cadaveric: 22-31	12	21.8	14287	22.8
	Cadaveric: 32-41	10	18.2	7669	12.3
	Cadaveric: 42+	1	1.8	2519	4.0
	Not Reported	0	0.0	3935	6.3

		---- Program----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	9	16.4	5935	9.5
	1	5	9.1	3484	5.6
	2	10	18.2	9648	15.4
	3	13	23.6	16005	25.6
	4	8	14.5	14003	22.4
	5	8	14.5	8963	14.3
	6	2	3.6	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	1	1.8	3951	6.3
	18-35	15	27.3	20414	32.6
	36-45	13	23.6	16397	26.2
	46-60	17	30.9	17170	27.4
	61+	9	16.4	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	35	63.6	41213	65.9
	Black	0	0.0	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	20	36.4	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	21	38.2	25078	40.1
	Male	34	61.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	55	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	54	98.2	54138	86.5
	Yes	1	1.8	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	15	27.3	19677	31.4
	1-5	35	63.6	23207	37.1
	6-10	3	5.5	5736	9.2
	11+	2	3.6	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	6	10.9	20469	32.7
	1- 19	35	63.6	26645	42.6
	20- 79	12	21.8	9976	15.9
	80-100	2	3.6	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	7	12.7	11726	18.7
	21-25	24	43.6	23821	38.1
	26-30	13	23.6	12454	19.9
	31+	11	20.0	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	20	36.4	16923	27.0
	Cystic/Congenital	5	9.1	7349	11.7
	Systemic	2	3.6	11759	18.8
	Tubulointerstitial	2	3.6	4233	6.8
	Diabetes	24	43.6	14059	22.5
	Other Diagnosis	2	3.6	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	54	98.2	59280	94.7
	Hospitalized	1	1.8	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	1	1.8	9021	14.4
	1989	7	12.7	8951	14.3
	1990	11	20.0	9819	15.7
	1991	10	18.2	10077	16.1
	1992	12	21.8	10157	16.2
	1993-1994	14	25.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	4	7.3	5716	9.1
	No	25	45.5	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	12	21.8	7249	11.6
	N/A*: No	14	25.5	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	15	27.3	13559	21.7
	No	14	25.5	19634	31.4
	N/A*: Yes	12	21.8	12277	19.6
	N/A*: No	14	25.5	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Medcenter One Hospital
300 North Seventh Street, Bismarck, ND 58501
Provider Number 350015 (NDMC)**

May 9, 1997

The North Dakota Transplant Center's kidney transplant program has had one and two year graft survival rates substantially above the mean reported for the country. Then the three year survival rates fall below the mean. Our own review indicates that 55% of these losses were related to non compliance with the immunosuppression regimen. With more extensive evaluation of candidates for transplant, more full time coordinating staff and the incorporation of new immunosuppressive medications the longer range graft survival should be favorably changed.

Dr. Stanley Dienst
Transplant Surgeon

Handwritten signature of Stanley G. Dienst MD in cursive script.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Meritcare Hospital - Fargo ND
Provider Number 350011 (NDSL)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	19	78.9	88.2	32	78.1	91.9	51	51	11	78.4	90.5	-12.1	<0.01*
1 Year	19	73.7	83.1	32	68.8	87.8	51	51	15	70.6	86.1	-15.5	<0.01*
Cond. ³ 3 Years	14	92.9	93.0				14	14	1	92.9	93.0	-0.1	0.99
3 Years ³		68.4	77.3										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	19	94.4	96.5	32	100.0	97.6	49	47.7	1.0	97.9	97.2	0.7	0.75
1 Year	19	83.2	92.9	32	92.9	94.8	49	44.7	5.0	89.2	94.0	-4.9	0.16
Cond. ³ 3 Years	16	100.0	94.6				16	15.5	0.0	100.0	94.6	5.4	0.34
3 Years ³		83.2	87.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Meritcare Hospital - Fargo ND
Provider Number 350011 (NDSL)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		51	100.0	62572	100.0
Donor Type	Living	16	31.4	14525	23.2
	Cadaveric: Stroke	17	33.3	15624	25.0
	Cadaveric: MVA	7	13.7	13317	21.3
	Cadaveric: Other	11	21.6	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	12	23.5	10738	17.2
	18-30	9	17.6	19464	31.1
	31-45	18	35.3	18538	29.6
	46-60	10	19.6	11397	18.2
	61+	2	3.9	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	46	90.2	49654	79.4
	Black	1	2.0	6469	10.3
	Hispanic	1	2.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	3	5.9	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	22	43.1	25808	41.2
	Male	29	56.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	16	31.4	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	6	11.8	5889	9.4
	Cadaveric: 12-21	13	25.5	16112	25.7
	Cadaveric: 22-31	12	23.5	14287	22.8
	Cadaveric: 32-41	3	5.9	7669	12.3
	Cadaveric: 42+	1	2.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	9	17.6	5935	9.5
	1	4	7.8	3484	5.6
	2	7	13.7	9648	15.4
	3	15	29.4	16005	25.6
	4	8	15.7	14003	22.4
	5	5	9.8	8963	14.3
	6	3	5.9	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	4	7.8	3951	6.3
	18-35	11	21.6	20414	32.6
	36-45	10	19.6	16397	26.2
	46-60	18	35.3	17170	27.4
	61+	8	15.7	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	44	86.3	41213	65.9
	Black	0	0.0	12675	20.3
	Hispanic	1	2.0	5632	9.0
	Asian	1	2.0	1740	2.8
	Other	5	9.8	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	25	49.0	25078	40.1
	Male	26	51.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	51	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	47	92.2	54138	86.5
	Yes	4	7.8	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	20	39.2	19677	31.4
	1-5	23	45.1	23207	37.1
	6-10	4	7.8	5736	9.2
	11+	3	5.9	5280	8.4
	Not Reported	1	2.0	8672	13.9
Peak PRA Prior to Transplant	0	22	43.1	20469	32.7
	1- 19	18	35.3	26645	42.6
	20- 79	8	15.7	9976	15.9
	80-100	3	5.9	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	8	15.7	11726	18.7
	21-25	20	39.2	23821	38.1
	26-30	8	15.7	12454	19.9
	31+	13	25.5	5762	9.2
	Not Reported	2	3.9	8809	14.1
Primary Kidney Disease	Glomerular	11	21.6	16923	27.0
	Cystic/Congenital	5	9.8	7349	11.7
	Systemic	9	17.6	11759	18.8
	Tubulointerstitial	3	5.9	4233	6.8
	Diabetes	13	25.5	14059	22.5
	Other Diagnosis	5	9.8	5271	8.4
	Not Reported	5	9.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	50	98.0	59280	94.7
	Hospitalized	1	2.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	2	3.9	8951	14.3
	1990	7	13.7	9819	15.7
	1991	6	11.8	10077	16.1
	1992	11	21.6	10157	16.2
	1993-1994	25	49.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	4	7.8	5716	9.1
	No	10	19.6	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	10	19.6	7249	11.6
	N/A*: No	27	52.9	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	7	13.7	13559	21.7
	No	7	13.7	19634	31.4
	N/A*: Yes	20	39.2	12277	19.6
	N/A*: No	17	33.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Bishop Clarkson Memorial Hospital - Omaha NE
Provider Number 280088 (NECM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	249	89.6	87.8	121	90.0	89.5	370	369	38	89.7	88.3	1.4	0.40
1 Year	249	87.5	82.0	121	87.5	83.8	370	367	46	87.5	82.6	4.9	0.01*
Cond. ³ 3 Years	217	92.9	92.2				217	209	15	92.9	92.2	0.7	0.69
3 Years ³		81.3	75.6										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	244	98.7	96.6	121	96.9	97.0	356	351.0	6.5	98.2	96.7	1.5	0.12
1 Year	244	96.6	93.3	121	95.1	93.7	356	347.0	13.5	96.1	93.4	2.8	0.04*
Cond. ³ 3 Years	235	97.2	94.3				235	224.5	6.5	97.2	94.3	2.9	0.05
3 Years ³		93.9	87.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Bishop Clarkson Memorial Hospital - Omaha NE
Provider Number 280088 (NECM)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		370	100.0	62572	100.0
Donor Type	Living	47	12.7	14525	23.2
	Cadaveric: Stroke	92	24.9	15624	25.0
	Cadaveric: MVA	100	27.0	13317	21.3
	Cadaveric: Other	131	35.4	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	89	24.1	10738	17.2
	18-30	128	34.6	19464	31.1
	31-45	92	24.9	18538	29.6
	46-60	46	12.4	11397	18.2
	61+	15	4.1	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	344	93.0	49654	79.4
	Black	17	4.6	6469	10.3
	Hispanic	7	1.9	4943	7.9
	Asian	0	0.0	801	1.3
	Other	2	0.5	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	148	40.0	25808	41.2
	Male	222	60.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	44	11.9	10970	17.5
	Living: 3-5	2	0.5	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	26	7.0	5889	9.4
	Cadaveric: 12-21	174	47.0	16112	25.7
	Cadaveric: 22-31	84	22.7	14287	22.8
	Cadaveric: 32-41	32	8.6	7669	12.3
	Cadaveric: 42+	3	0.8	2519	4.0
	Not Reported	5	1.4	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	20	5.4	5935	9.5
	1	15	4.1	3484	5.6
	2	38	10.3	9648	15.4
	3	79	21.4	16005	25.6
	4	100	27.0	14003	22.4
	5	79	21.4	8963	14.3
	6	24	6.5	3009	4.8
	Not Reported	15	4.1	1525	2.4
Recipient Age	0-17	15	4.1	3951	6.3
	18-35	152	41.1	20414	32.6
	36-45	100	27.0	16397	26.2
	46-60	86	23.2	17170	27.4
	61+	17	4.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	329	88.9	41213	65.9
	Black	26	7.0	12675	20.3
	Hispanic	5	1.4	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	10	2.7	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	164	44.3	25078	40.1
	Male	206	55.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	271	73.2	59783	95.5
	Kidney and Pancreas	99	26.8	2789	4.5
Previous Kidney Transplant	No	304	82.2	54138	86.5
	Yes	65	17.6	8247	13.2
	Not Reported	1	0.3	187	0.3
Pretransplant Transfusions	0	96	25.9	19677	31.4
	1-5	116	31.4	23207	37.1
	6-10	38	10.3	5736	9.2
	11+	54	14.6	5280	8.4
	Not Reported	66	17.8	8672	13.9
Peak PRA Prior to Transplant	0	99	26.8	20469	32.7
	1- 19	196	53.0	26645	42.6
	20- 79	46	12.4	9976	15.9
	80-100	19	5.1	4277	6.8
	Not Reported	10	2.7	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	65	17.6	11726	18.7
	21-25	161	43.5	23821	38.1
	26-30	100	27.0	12454	19.9
	31+	40	10.8	5762	9.2
	Not Reported	4	1.1	8809	14.1
Primary Kidney Disease	Glomerular	86	23.2	16923	27.0
	Cystic/Congenital	43	11.6	7349	11.7
	Systemic	43	11.6	11759	18.8
	Tubulointerstitial	27	7.3	4233	6.8
	Diabetes	134	36.2	14059	22.5
	Other Diagnosis	31	8.4	5271	8.4
	Not Reported	6	1.6	2978	4.8
Recipient Description at Transplant	Not Hospitalized	348	94.1	59280	94.7
	Hospitalized	18	4.9	1917	3.1
	ICU/Life Support	2	0.5	469	0.7
	Not Reported	2	0.5	906	1.4
Year of Transplant	1988	49	13.2	9021	14.4
	1989	54	14.6	8951	14.3
	1990	52	14.1	9819	15.7
	1991	70	18.9	10077	16.1
	1992	65	17.6	10157	16.2
	1993-1994	80	21.6	14547	23.2
Dialysis in First Week After Transplant*	Yes	18	4.9	5716	9.1
	No	194	52.4	26528	42.4
	Not Reported	5	1.4	949	1.5
	N/A*: Yes	35	9.5	7249	11.6
	N/A*: No	116	31.4	21509	34.4
	N/A*: Not Reported	2	0.5	621	1.0
Rejection in First 6 Months After Transplant*	Yes	90	24.3	13559	21.7
	No	127	34.3	19634	31.4
	N/A*: Yes	49	13.2	12277	19.6
	N/A*: No	104	28.1	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for St Joseph Hospital - Omaha NE
Provider Number 280030 (NESJ)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	44	93.2	88.8	19	89.5	90.7	63	63	5	92.1	89.4	2.7	0.48
1 Year	44	90.8	83.6	19	73.2	85.6	63	61	9	85.5	84.2	1.4	0.77
Cond. ³ 3 Years	39	97.4	90.3				39	37	1	97.4	90.3	7.1	0.13
3 Years ³		88.4	75.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	43	100.0	97.3	19	89.5	97.3	62	62.0	2.0	96.8	97.3	-0.5	0.79
1 Year	43	95.3	94.6	19	83.9	94.5	62	60.0	5.0	91.8	94.6	-2.8	0.33
Cond. ³ 3 Years	40	97.4	94.9				40	39.0	1.0	97.4	94.9	2.5	0.46
3 Years ³		92.9	89.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

St Joseph Hospital - Omaha NE
Provider Number 280030 (NESJ)

		---- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		63	100.0	62572	100.0
Donor Type	Living	2	3.2	14525	23.2
	Cadaveric: Stroke	18	28.6	15624	25.0
	Cadaveric: MVA	20	31.7	13317	21.3
	Cadaveric: Other	23	36.5	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	12	19.0	10738	17.2
	18-30	23	36.5	19464	31.1
	31-45	16	25.4	18538	29.6
	46-60	10	15.9	11397	18.2
	61+	2	3.2	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	59	93.7	49654	79.4
	Black	2	3.2	6469	10.3
	Hispanic	2	3.2	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	26	41.3	25808	41.2
	Male	37	58.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	0	0.0	10970	17.5
	Living: 3-5	1	1.6	640	1.0
	Living: 6+	1	1.6	551	0.9
	Cadaveric: 0-11	4	6.3	5889	9.4
	Cadaveric: 12-21	37	58.7	16112	25.7
	Cadaveric: 22-31	12	19.0	14287	22.8
	Cadaveric: 32-41	8	12.7	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	10	15.9	5935	9.5
	1	3	4.8	3484	5.6
	2	7	11.1	9648	15.4
	3	8	12.7	16005	25.6
	4	12	19.0	14003	22.4
	5	17	27.0	8963	14.3
	6	2	3.2	3009	4.8
	Not Reported	4	6.3	1525	2.4
Recipient Age	0-17	2	3.2	3951	6.3
	18-35	22	34.9	20414	32.6
	36-45	21	33.3	16397	26.2
	46-60	15	23.8	17170	27.4
	61+	3	4.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	52	82.5	41213	65.9
	Black	9	14.3	12675	20.3
	Hispanic	1	1.6	5632	9.0
	Asian	1	1.6	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	22	34.9	25078	40.1
	Male	41	65.1	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	63	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	54	85.7	54138	86.5
	Yes	8	12.7	8247	13.2
	Not Reported	1	1.6	187	0.3
Pretransplant Transfusions	0	3	4.8	19677	31.4
	1-5	41	65.1	23207	37.1
	6-10	9	14.3	5736	9.2
	11+	9	14.3	5280	8.4
	Not Reported	1	1.6	8672	13.9
Peak PRA Prior to Transplant	0	11	17.5	20469	32.7
	1- 19	40	63.5	26645	42.6
	20- 79	4	6.3	9976	15.9
	80-100	4	6.3	4277	6.8
	Not Reported	4	6.3	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	7	11.1	11726	18.7
	21-25	34	54.0	23821	38.1
	26-30	9	14.3	12454	19.9
	31+	5	7.9	5762	9.2
	Not Reported	8	12.7	8809	14.1
Primary Kidney Disease	Glomerular	24	38.1	16923	27.0
	Cystic/Congenital	8	12.7	7349	11.7
	Systemic	9	14.3	11759	18.8
	Tubulointerstitial	8	12.7	4233	6.8
	Diabetes	12	19.0	14059	22.5
	Other Diagnosis	2	3.2	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	59	93.7	59280	94.7
	Hospitalized	4	6.3	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	14	22.2	9021	14.4
	1989	6	9.5	8951	14.3
	1990	8	12.7	9819	15.7
	1991	13	20.6	10077	16.1
	1992	9	14.3	10157	16.2
	1993-1994	13	20.6	14547	23.2
Dialysis in First Week After Transplant*	Yes	10	15.9	5716	9.1
	No	29	46.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	9	14.3	7249	11.6
	N/A*: No	15	23.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	26	41.3	13559	21.7
	No	13	20.6	19634	31.4
	N/A*: Yes	16	25.4	12277	19.6
	N/A*: No	8	12.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of Nebraska Medical Center - Omaha NE
Provider Number 280013 (NEUN)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				10	100.0	91.3	10	10	0	100.0	91.3	8.7	0.32
1 Year				10	89.9	87.5	10	9	1	89.9	87.5	2.4	0.82
Cond. ³ 3 Years													
3 Years ³													

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				10	100.0	99.0	10	10.0	0.0	100.0	99.0	1.0	0.76
1 Year				10	89.9	97.9	10	9.0	1.0	89.9	97.9	-8.0	0.08
Cond. ³ 3 Years													
3 Years ³													

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of Nebraska Medical Center - Omaha NE
Provider Number 280013 (NEUN)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		10	100.0	62572	100.0
Donor Type	Living	5	50.0	14525	23.2
	Cadaveric: Stroke	2	20.0	15624	25.0
	Cadaveric: MVA	2	20.0	13317	21.3
	Cadaveric: Other	1	10.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	3	30.0	10738	17.2
	18-30	1	10.0	19464	31.1
	31-45	4	40.0	18538	29.6
	46-60	2	20.0	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	10	100.0	49654	79.4
	Black	0	0.0	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	7	70.0	25808	41.2
	Male	3	30.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	4	40.0	10970	17.5
	Living: 3-5	1	10.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	0	0.0	5889	9.4
	Cadaveric: 12-21	3	30.0	16112	25.7
	Cadaveric: 22-31	1	10.0	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	1	10.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	1	10.0	5935	9.5
	1	2	20.0	3484	5.6
	2	3	30.0	9648	15.4
	3	3	30.0	16005	25.6
	4	1	10.0	14003	22.4
	5	0	0.0	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	9	90.0	3951	6.3
	18-35	0	0.0	20414	32.6
	36-45	1	10.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	9	90.0	41213	65.9
	Black	1	10.0	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	3	30.0	25078	40.1
	Male	7	70.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	10	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	10	100.0	54138	86.5
	Yes	0	0.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	0	0.0	19677	31.4
	1-5	3	30.0	23207	37.1
	6-10	0	0.0	5736	9.2
	11+	1	10.0	5280	8.4
	Not Reported	6	60.0	8672	13.9
Peak PRA Prior to Transplant	0	5	50.0	20469	32.7
	1- 19	3	30.0	26645	42.6
	20- 79	1	10.0	9976	15.9
	80-100	1	10.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	8	80.0	11726	18.7
	21-25	1	10.0	23821	38.1
	26-30	1	10.0	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	5	50.0	16923	27.0
	Cystic/Congenital	0	0.0	7349	11.7
	Systemic	2	20.0	11759	18.8
	Tubulointerstitial	1	10.0	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	2	20.0	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	8	80.0	59280	94.7
	Hospitalized	1	10.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	10.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	0	0.0	10077	16.1
	1992	2	20.0	10157	16.2
	1993-1994	8	80.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	0	0.0	5716	9.1
	No	0	0.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	0	0.0	7249	11.6
	N/A*: No	10	100.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	0	0.0	13559	21.7
	No	0	0.0	19634	31.4
	N/A*: Yes	2	20.0	12277	19.6
	N/A*: No	8	80.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Mary Hitchcock Memorial Hospital - Hanover NH
Provider Number 300003 (NHDH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				38	94.7	89.8	38	38	2	94.7	89.8	4.9	0.31
1 Year				38	94.7	85.0	38	38	2	94.7	85.0	9.7	0.09
Cond. ³ 3 Years													
3 Years ³													

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				37	100.0	97.5	37	36.5	0.0	100.0	97.5	2.5	0.34
1 Year				37	100.0	94.5	37	36.5	0.0	100.0	94.5	5.5	0.14
Cond. ³ 3 Years													
3 Years ³													

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Mary Hitchcock Memorial Hospital - Hanover NH
Provider Number 300003 (NHDH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		38	100.0	62572	100.0
Donor Type	Living	8	21.1	14525	23.2
	Cadaveric: Stroke	14	36.8	15624	25.0
	Cadaveric: MVA	6	15.8	13317	21.3
	Cadaveric: Other	10	26.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	5	13.2	10738	17.2
	18-30	6	15.8	19464	31.1
	31-45	13	34.2	18538	29.6
	46-60	11	28.9	11397	18.2
	61+	3	7.9	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	38	100.0	49654	79.4
	Black	0	0.0	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	22	57.9	25808	41.2
	Male	16	42.1	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	8	21.1	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	5	13.2	5889	9.4
	Cadaveric: 12-21	21	55.3	16112	25.7
	Cadaveric: 22-31	4	10.5	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	4	10.5	5935	9.5
	1	0	0.0	3484	5.6
	2	2	5.3	9648	15.4
	3	7	18.4	16005	25.6
	4	9	23.7	14003	22.4
	5	6	15.8	8963	14.3
	6	9	23.7	3009	4.8
	Not Reported	1	2.6	1525	2.4
Recipient Age	0-17	1	2.6	3951	6.3
	18-35	10	26.3	20414	32.6
	36-45	11	28.9	16397	26.2
	46-60	12	31.6	17170	27.4
	61+	4	10.5	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	37	97.4	41213	65.9
	Black	0	0.0	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	1	2.6	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	9	23.7	25078	40.1
	Male	29	76.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	38	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	34	89.5	54138	86.5
	Yes	4	10.5	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	20	52.6	19677	31.4
	1-5	14	36.8	23207	37.1
	6-10	3	7.9	5736	9.2
	11+	0	0.0	5280	8.4
	Not Reported	1	2.6	8672	13.9
Peak PRA Prior to Transplant	0	13	34.2	20469	32.7
	1- 19	21	55.3	26645	42.6
	20- 79	2	5.3	9976	15.9
	80-100	2	5.3	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	0	0.0	11726	18.7
	21-25	6	15.8	23821	38.1
	26-30	3	7.9	12454	19.9
	31+	3	7.9	5762	9.2
	Not Reported	26	68.4	8809	14.1
Primary Kidney Disease	Glomerular	6	15.8	16923	27.0
	Cystic/Congenital	5	13.2	7349	11.7
	Systemic	2	5.3	11759	18.8
	Tubulointerstitial	6	15.8	4233	6.8
	Diabetes	13	34.2	14059	22.5
	Other Diagnosis	6	15.8	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	38	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	0	0.0	10077	16.1
	1992	4	10.5	10157	16.2
	1993-1994	34	89.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	0	0.0	5716	9.1
	No	0	0.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	5	13.2	7249	11.6
	N/A*: No	33	86.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	0	0.0	13559	21.7
	No	0	0.0	19634	31.4
	N/A*: Yes	18	47.4	12277	19.6
	N/A*: No	20	52.6	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Mary Hitchcock Memorial Hospital
One Medical Center Drive, Lebanon, NH 03756
Provider Number 300003 (NHDH)**

May 7, 1997

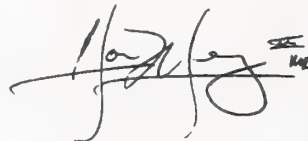
The Dartmouth Hitchcock Medical Center initiated a Kidney Transplant Program in 1992. This program was started in response to a perceived need for the rural populations of New Hampshire and parts of Vermont. Dartmouth Hitchcock Medical Center has had a Long-standing commitment to high-quality patient care especially in rural and under-served patients. We are pleased that the UNOS survival statistics for our Kidney Transplant Program reflect this long-term commitment to patient care as well as the planning that went into initiating this program.

While no purely statistical analysis such as this one should ever be used as a sole measure of a program's quality, the UNOS data are one measure of our success. Dartmouth Hitchcock Medical Center is very pleased that UNOS has set such standards and is able to measure in a case-adjusted manner a comparison among programs. The Dartmouth Hitchcock Medical Center is extremely pleased that we are able to exceed the three-month and one-year graft survival rates as well as the patient survival rates.

These outcomes of the Dartmouth transplant patients occur in patients who are older, have a higher degree of mismatch and are more often diabetic than the national averages. All these populations of high-risk patients are gaining benefit from having a rural transplant program.

We believe that our excellent statistics reflect the long-term commitment to rural health care of the Dartmouth Hitchcock Medical Center as well the benefit of a multidisciplinary approach with individualized pre-transplant and post-transplant follow-up.

Horace F. Henriques, III, M.D., F.A.C.S.
Director of Transplant Program

A handwritten signature in black ink, appearing to read 'H. Henriques', with a stylized flourish at the end.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Newark Beth Israel Medical Center - Newark NJ
Provider Number 310002 (NJBI)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	171	84.8	87.1	119	84.0	89.0	290	289	45	84.5	87.9	-3.4	0.07
1 Year	171	78.7	80.9	119	78.2	83.0	290	287	62	78.5	81.8	-3.3	0.13
Cond. ³ 3 Years	132	88.5	86.9				132	129	15	88.5	86.9	1.5	0.60
3 Years ³		69.6	70.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	170	96.4	97.4	119	93.2	97.8	288	285.0	14.0	95.1	97.6	-2.5	<0.01*
1 Year	170	93.7	95.0	119	89.8	95.3	288	282.0	22.5	92.1	95.1	-3.0	0.02*
Cond. ³ 3 Years	156	98.0	94.6				156	148.5	3.0	98.0	94.6	3.4	0.06
3 Years ³		91.8	89.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Newark Beth Israel Medical Center - Newark NJ
Provider Number 310002 (NJBI)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		290	100.0	62572	100.0
Donor Type	Living	14	4.8	14525	23.2
	Cadaveric: Stroke	110	37.9	15624	25.0
	Cadaveric: MVA	71	24.5	13317	21.3
	Cadaveric: Other	95	32.8	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	47	16.2	10738	17.2
	18-30	90	31.0	19464	31.1
	31-45	84	29.0	18538	29.6
	46-60	56	19.3	11397	18.2
	61+	13	4.5	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	195	67.2	49654	79.4
	Black	50	17.2	6469	10.3
	Hispanic	37	12.8	4943	7.9
	Asian	7	2.4	801	1.3
	Other	1	0.3	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	127	43.8	25808	41.2
	Male	163	56.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	11	3.8	10970	17.5
	Living: 3-5	2	0.7	640	1.0
	Living: 6+	1	0.3	551	0.9
	Cadaveric: 0-11	26	9.0	5889	9.4
	Cadaveric: 12-21	89	30.7	16112	25.7
	Cadaveric: 22-31	97	33.4	14287	22.8
	Cadaveric: 32-41	49	16.9	7669	12.3
	Cadaveric: 42+	13	4.5	2519	4.0
	Not Reported	2	0.7	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	15	5.2	5935	9.5
	1	16	5.5	3484	5.6
	2	55	19.0	9648	15.4
	3	97	33.4	16005	25.6
	4	84	29.0	14003	22.4
	5	22	7.6	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	1	0.3	1525	2.4
Recipient Age	0-17	9	3.1	3951	6.3
	18-35	94	32.4	20414	32.6
	36-45	90	31.0	16397	26.2
	46-60	85	29.3	17170	27.4
	61+	12	4.1	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	87	30.0	41213	65.9
	Black	137	47.2	12675	20.3
	Hispanic	49	16.9	5632	9.0
	Asian	12	4.1	1740	2.8
	Other	5	1.7	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	116	40.0	25078	40.1
	Male	174	60.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	290	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	257	88.6	54138	86.5
	Yes	33	11.4	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	252	86.9	19677	31.4
	1-5	23	7.9	23207	37.1
	6-10	10	3.4	5736	9.2
	11+	5	1.7	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	18	6.2	20469	32.7
	1- 19	156	53.8	26645	42.6
	20- 79	92	31.7	9976	15.9
	80-100	22	7.6	4277	6.8
	Not Reported	2	0.7	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	58	20.0	11726	18.7
	21-25	113	39.0	23821	38.1
	26-30	44	15.2	12454	19.9
	31+	20	6.9	5762	9.2
	Not Reported	55	19.0	8809	14.1
Primary Kidney Disease	Glomerular	110	37.9	16923	27.0
	Cystic/Congenital	27	9.3	7349	11.7
	Systemic	89	30.7	11759	18.8
	Tubulointerstitial	12	4.1	4233	6.8
	Diabetes	32	11.0	14059	22.5
	Other Diagnosis	19	6.6	5271	8.4
	Not Reported	1	0.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	290	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	31	10.7	9021	14.4
	1989	37	12.8	8951	14.3
	1990	36	12.4	9819	15.7
	1991	50	17.2	10077	16.1
	1992	58	20.0	10157	16.2
	1993-1994	78	26.9	14547	23.2
Dialysis in First Week After Transplant*	Yes	58	20.0	5716	9.1
	No	74	25.5	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	86	29.7	7249	11.6
	N/A*: No	70	24.1	21509	34.4
	N/A*: Not Reported	2	0.7	621	1.0
Rejection in First 6 Months After Transplant*	Yes	39	13.4	13559	21.7
	No	93	32.1	19634	31.4
	N/A*: Yes	54	18.6	12277	19.6
	N/A*: No	104	35.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Response From: Newark Beth Israel Medical Center
201 Lyons Avenue, Newark, NJ 07112
Provider Number 310002 (NJBI)

May 9, 1997

Newark Beth Israel Medical Center is a 601 bed teaching and tertiary referral center affiliated with the Mount Sinai School of Medicine. As one of nine acute care hospitals in the newly formed Saint Barnabas Health Care System, Newark Beth Israel pioneered transplantation in the State of New Jersey, performing its first kidney transplant in 1968. A total of 1,067 renal transplants have been performed, 627 before January 1, 1988, 290 during the period analyzed in this UNOS Data Report (subdivided into Era 1 and Era 2), and 150 since April 30, 1994. Of the latest 150 transplants, 131 have at least 3 months follow up.

This survival report does not accurately portray our early pioneering efforts, the benefits to our patients from our accrued experience, or our most recent survival rates. We are gratified to note that our graft survival rate is not statistically different from the expected survival rate calculated for our center by the UNOS model. Indeed, one year graft survival for the study period is no different from the national average reported in the previous 1994 UNOS Center Specific Data Report. Further, graft survival in Era 1 and Era 2 remained stable, and our conditional 3 year allograft survival statistic is 88.5%. However, patient survival declined from Era 1 to Era 2, prompting careful review of our patient acceptance criteria, pretransplant evaluation regimens and post transplant protocols, thus leading to our current, higher graft and patient survival:

Time Period	Number of Patients	Actuarial* Graft Survival	Actuarial* Patient Survival
0 Time	131	100%	100%
3 Months	120	89%	96%
1 Year	78	83%	94%
2 Year	38	77%	92%
3 Year	6	75%	92%

*Kaplan-Meier

The experienced team of professionals at Newark Beth Israel's Kidney Transplant Program, recently expanded by additional surgeons, physicians and coordinators, and closely associated with our sister kidney transplant program at Saint Barnabas Medical Center, look forward to providing kidney transplantation in a safe and successful manner to our patients, settling only for the best possible outcome for each person under our care.

Scott A. Ames, MD
Director, Renal Transplant Program
Newark Beth Israel Medical Center



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Our Lady of Lourdes Medical Center - Camden NJ
Provider Number 310029 (NJLL)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	87	80.5	85.4	36	80.6	88.6	123	123	24	80.5	86.4	-5.9	0.05
1 Year	87	78.2	78.9	36	75.0	82.8	123	123	28	77.2	80.0	-2.8	0.43
Cond. ³ 3 Years	68	90.5	88.1				68	57	6	90.5	88.1	2.4	0.55
3 Years ³		70.7	69.6										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	87	94.2	97.0	36	95.8	97.7	122	122.0	6.5	94.7	97.2	-2.5	0.09
1 Year	87	93.0	94.1	36	93.0	95.3	122	121.0	8.5	93.0	94.4	-1.4	0.49
Cond. ³ 3 Years	80	90.7	94.4				80	71.0	7.0	90.7	94.4	-3.6	0.16
3 Years ³		84.4	88.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Our Lady of Lourdes Medical Center - Camden NJ
Provider Number 310029 (NJLL)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		123	100.0	62572	100.0
Donor Type	Living	8	6.5	14525	23.2
	Cadaveric: Stroke	44	35.8	15624	25.0
	Cadaveric: MVA	27	22.0	13317	21.3
	Cadaveric: Other	44	35.8	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	18	14.6	10738	17.2
	18-30	42	34.1	19464	31.1
	31-45	34	27.6	18538	29.6
	46-60	22	17.9	11397	18.2
	61+	7	5.7	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	88	71.5	49654	79.4
	Black	20	16.3	6469	10.3
	Hispanic	13	10.6	4943	7.9
	Asian	2	1.6	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	57	46.3	25808	41.2
	Male	66	53.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	3	2.4	10970	17.5
	Living: 3-5	5	4.1	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	19	15.4	5889	9.4
	Cadaveric: 12-21	45	36.6	16112	25.7
	Cadaveric: 22-31	28	22.8	14287	22.8
	Cadaveric: 32-41	20	16.3	7669	12.3
	Cadaveric: 42+	3	2.4	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	4	3.3	5935	9.5
	1	4	3.3	3484	5.6
	2	18	14.6	9648	15.4
	3	28	22.8	16005	25.6
	4	35	28.5	14003	22.4
	5	19	15.4	8963	14.3
	6	14	11.4	3009	4.8
	Not Reported	1	0.8	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	43	35.0	20414	32.6
	36-45	41	33.3	16397	26.2
	46-60	34	27.6	17170	27.4
	61+	5	4.1	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	66	53.7	41213	65.9
	Black	52	42.3	12675	20.3
	Hispanic	3	2.4	5632	9.0
	Asian	2	1.6	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	56	45.5	25078	40.1
	Male	67	54.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	123	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	111	90.2	54138	86.5
	Yes	12	9.8	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	44	35.8	19677	31.4
	1-5	62	50.4	23207	37.1
	6-10	6	4.9	5736	9.2
	11+	7	5.7	5280	8.4
	Not Reported	4	3.3	8672	13.9
Peak PRA Prior to Transplant	0	4	3.3	20469	32.7
	1- 19	62	50.4	26645	42.6
	20- 79	43	35.0	9976	15.9
	80-100	14	11.4	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	24	19.5	11726	18.7
	21-25	52	42.3	23821	38.1
	26-30	26	21.1	12454	19.9
	31+	18	14.6	5762	9.2
	Not Reported	3	2.4	8809	14.1
Primary Kidney Disease	Glomerular	54	43.9	16923	27.0
	Cystic/Congenital	14	11.4	7349	11.7
	Systemic	12	9.8	11759	18.8
	Tubulointerstitial	13	10.6	4233	6.8
	Diabetes	23	18.7	14059	22.5
	Other Diagnosis	3	2.4	5271	8.4
	Not Reported	4	3.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	116	94.3	59280	94.7
	Hospitalized	7	5.7	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	21	17.1	9021	14.4
	1989	22	17.9	8951	14.3
	1990	19	15.4	9819	15.7
	1991	21	17.1	10077	16.1
	1992	16	13.0	10157	16.2
	1993-1994	24	19.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	11	8.9	5716	9.1
	No	57	46.3	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	23	18.7	7249	11.6
	N/A*: No	32	26.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	14	11.4	13559	21.7
	No	54	43.9	19634	31.4
	N/A*: Yes	22	17.9	12277	19.6
	N/A*: No	33	26.8	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Our Lady of Lourdes Medical Center
1600 Haddon Avenue, Camden, NJ 08103
Provider Number 310029 (NJLL)**

May 6, 1997

Our Lady of Lourdes Medical Center, in reviewing its published UNOS survival statistics for our kidney transplant program, believes that our commitment to the highest level of quality care is reflected in those results. The report covers the periods from 1988 through 1992, and from 1992 through 1994. While the results are remarkably consistent across those periods, there is a discernible trend reflecting an improvement in patient survival during the more recent period.

The report demonstrates a superb survival rate despite several factors including "high risk patients", which should have a negative impact on an urban medical center such as Lourdes. Because of the location and the communities which are served, rates significantly lower than the national average may be expected.

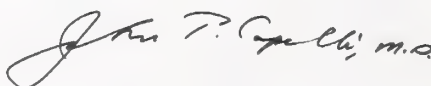
The UNOS report for Kidney Transplants for Our Lady of Lourdes Medical Center clearly shows an extremely high patient survival rate at 3 months (95.8%) and at one year (93.0%). The differences from the expected patient survival rates and graft survival based on national data are very small and none are statistically significant, which means that Our Lady of Lourdes' patients are surviving as well as the national averages.

There are a high proportion of minority and African-American ESRD patients at our medical center, a higher proportion than the national average: 42% African-American vs 20% African-American nationally. Minority patients have a significantly higher proportion of diabetes, hypertension, and hypertensive kidney failure than the national average, which means that they are "high risk patients". Further, patients with higher PRA levels when compared with the national average were transplanted at Lourdes, adding to the risk of graft loss. The models used to calculate expected or national averages do not sufficiently account for the substantially greater than average prevalence of these conditions in our population.

Throughout the nation there are not enough donors available, that is, there are too few cadaveric kidneys to satisfy the need. This fact together with the fact that a donor and recipient match for an African-American is more difficult, yields an average level of mismatch which is substantially higher than the national average. Again, the statistical model used to calculate national averages does not adequately account for our differences with the national racial profile.

In spite of a less than perfect statistical model, our center continues to demonstrate exceptional survival rates for kidney transplants, and we wish to thank UNOS for its reporting efforts.

John P. Capelli, M.D.
Program Director



Kidney Transplants: January 1, 1988 - April 30, 1994**Survival Report for St Barnabas Medical Center - Livingston NJ
Provider Number 310076 (NJSB)****Graft Survival**

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	211	77.1	84.8	148	87.8	87.9	359	358	66	81.6	86.1	-4.5	0.01*
1 Year	211	72.3	78.1	148	81.8	81.7	359	357	85	76.2	79.6	-3.4	0.10
Cond. ³ 3 Years	151	91.2	89.8				151	145	13	91.2	89.8	1.4	0.56
3 Years ³		66.0	70.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	208	94.0	96.8	148	98.6	97.4	348	337.5	14.0	95.9	97.1	-1.2	0.18
1 Year	208	90.8	93.5	148	95.6	94.4	348	325.5	24.0	92.8	93.9	-1.1	0.39
Cond. ³ 3 Years	176	96.4	94.7				176	162.0	6.0	96.4	94.7	1.7	0.33
3 Years ³		87.5	88.5										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

St Barnabas Medical Center - Livingston NJ
Provider Number 310076 (NJSB)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		359	100.0	62572	100.0
Donor Type	Living	25	7.0	14525	23.2
	Cadaveric: Stroke	174	48.5	15624	25.0
	Cadaveric: MVA	66	18.4	13317	21.3
	Cadaveric: Other	93	25.9	19030	30.4
	Not Reported	1	0.3	76	0.1
Donor Age	0-17	51	14.2	10738	17.2
	18-30	92	25.6	19464	31.1
	31-45	87	24.2	18538	29.6
	46-60	89	24.8	11397	18.2
	61+	40	11.1	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	272	75.8	49654	79.4
	Black	37	10.3	6469	10.3
	Hispanic	36	10.0	4943	7.9
	Asian	11	3.1	801	1.3
	Other	2	0.6	620	1.0
	Not Reported	1	0.3	85	0.1
Donor Gender	Female	162	45.1	25808	41.2
	Male	197	54.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	21	5.8	10970	17.5
	Living: 3-5	2	0.6	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	35	9.7	5889	9.4
	Cadaveric: 12-21	76	21.2	16112	25.7
	Cadaveric: 22-31	128	35.7	14287	22.8
	Cadaveric: 32-41	63	17.5	7669	12.3
	Cadaveric: 42+	21	5.8	2519	4.0
	Not Reported	13	3.6	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	30	8.4	5935	9.5
	1	17	4.7	3484	5.6
	2	55	15.3	9648	15.4
	3	107	29.8	16005	25.6
	4	101	28.1	14003	22.4
	5	46	12.8	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	3	0.8	1525	2.4
Recipient Age	0-17	8	2.2	3951	6.3
	18-35	112	31.2	20414	32.6
	36-45	102	28.4	16397	26.2
	46-60	106	29.5	17170	27.4
	61+	31	8.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	239	66.6	41213	65.9
	Black	75	20.9	12675	20.3
	Hispanic	34	9.5	5632	9.0
	Asian	4	1.1	1740	2.8
	Other	5	1.4	1231	2.0
	Not Reported	2	0.6	81	0.1
Recipient Gender	Female	143	39.8	25078	40.1
	Male	216	60.2	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	355	98.9	59783	95.5
	Kidney and Pancreas	4	1.1	2789	4.5
Previous Kidney Transplant	No	310	86.4	54138	86.5
	Yes	47	13.1	8247	13.2
	Not Reported	2	0.6	187	0.3
Pretransplant Transfusions	0	178	49.6	19677	31.4
	1-5	14	3.9	23207	37.1
	6-10	1	0.3	5736	9.2
	11+	3	0.8	5280	8.4
	Not Reported	163	45.4	8672	13.9
Peak PRA Prior to Transplant	0	19	5.3	20469	32.7
	1- 19	233	64.9	26645	42.6
	20- 79	83	23.1	9976	15.9
	80-100	20	5.6	4277	6.8
	Not Reported	4	1.1	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	63	17.5	11726	18.7
	21-25	157	43.7	23821	38.1
	26-30	94	26.2	12454	19.9
	31+	44	12.3	5762	9.2
	Not Reported	1	0.3	8809	14.1
Primary Kidney Disease	Glomerular	150	41.8	16923	27.0
	Cystic/Congenital	38	10.6	7349	11.7
	Systemic	46	12.8	11759	18.8
	Tubulointerstitial	37	10.3	4233	6.8
	Diabetes	55	15.3	14059	22.5
	Other Diagnosis	24	6.7	5271	8.4
	Not Reported	9	2.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	213	59.3	59280	94.7
	Hospitalized	142	39.6	1917	3.1
	ICU/Life Support	1	0.3	469	0.7
	Not Reported	3	0.8	906	1.4
Year of Transplant	1988	38	10.6	9021	14.4
	1989	34	9.5	8951	14.3
	1990	59	16.4	9819	15.7
	1991	61	17.0	10077	16.1
	1992	58	16.2	10157	16.2
	1993-1994	109	30.4	14547	23.2
Dialysis in First Week After Transplant*	Yes	41	11.4	5716	9.1
	No	99	27.6	26528	42.4
	Not Reported	11	3.1	949	1.5
	N/A*: Yes	84	23.4	7249	11.6
	N/A*: No	118	32.9	21509	34.4
	N/A*: Not Reported	6	1.7	621	1.0
Rejection in First 6 Months After Transplant*	Yes	20	5.6	13559	21.7
	No	131	36.5	19634	31.4
	N/A*: Yes	61	17.0	12277	19.6
	N/A*: No	147	40.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Saint Barnabas Medical Center
Old Short Hills Road, Livingston, NJ 07039
Provider Number 310076 (NJSB)**

May 8, 1997

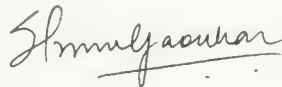
Saint Barnabas Medical Center is pleased that the UNOS survival statistics for the long term period ending 4/30/94 demonstrate a significant statistical improvement for our program in Era 2 as compared to Era 1. We believe that improvement confirms the effectiveness of quality improvement measures undertaken near the end of the period covered by Era 1.

Over the latter period The Saint Barnabas Renal Center's Transplant Program has also showed a progressive increase in the number of procedures performed and extremely satisfactory patient and graft survival. Our Program has significantly changed not only its pre-transplant evaluation process but also pre-op, peri-op and post-op surgical and medical protocols. These improved outcomes are continuing as of this date.

A review of the data dealing with recipient characteristics reflects the commitment that we have maintained in regards to both older age groups as well as minorities. Thirty three percent of all recipients at Saint Barnabas Medical Center belong to minority groups as compared to the national average of 34%. We have renewed that commitment and continue to also increase the numbers of living related, living unrelated, simultaneous pancreas kidney transplants and high risk patients. We continue to believe that leadership in offering transplantation to patients with increased risks can come only from centers that are willing to take the risk of that policy to their statistical infrastructure. Obviously dealing with high risk groups can impact on overall survival rate. We also understand that because of the necessity of commitment to high risk and elderly patients, a UNOS statistical analysis cannot be the sole measure of quality of a transplant program. But we are especially pleased that in this period of time those statistics also reflect excellent outcomes. We were additionally pleased that the conditional 3 year survival rates were better than the expected rate.

We firmly believe that Saint Barnabas Medical Center has an outstanding multidisciplinary, high quality program which has been growing very rapidly. We anticipate continuing growth in our programs and firmly expect future analyses of the data to demonstrate further improvement in outcomes.

Shamkant P. Mulgaonkar, M.D.
Program Director



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University Hospital - University of New Mexico - Albuquerque NM Provider Number 320001 (NMAQ)

Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	170	84.7	87.4	75	92.0	91.1	245	245	32	86.9	88.5	-1.6	0.43
1 Year	170	80.0	82.2	75	86.6	86.5	245	244	44	82.0	83.5	-1.5	0.51
Cond. ³ 3 Years	135	87.3	91.1				135	132	17	87.3	91.1	-3.9	0.11
3 Years ³		69.8	74.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	162	97.5	96.9	75	97.2	97.6	233	231.5	6.0	97.4	97.1	0.3	0.78
1 Year	162	94.3	93.9	75	95.8	94.7	233	227.0	12.0	94.8	94.1	0.6	0.67
Cond. ³ 3 Years	150	97.3	94.1				150	138.0	4.0	97.3	94.1	3.2	0.10
3 Years ³		91.7	88.3										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University Hospital - University of New Mexico - Albuquerque NM
Provider Number 320001 (NMAQ)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		245	100.0	62572	100.0
Donor Type	Living	20	8.2	14525	23.2
	Cadaveric: Stroke	49	20.0	15624	25.0
	Cadaveric: MVA	66	26.9	13317	21.3
	Cadaveric: Other	110	44.9	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	66	26.9	10738	17.2
	18-30	84	34.3	19464	31.1
	31-45	54	22.0	18538	29.6
	46-60	39	15.9	11397	18.2
	61+	2	0.8	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	141	57.6	49654	79.4
	Black	8	3.3	6469	10.3
	Hispanic	82	33.5	4943	7.9
	Asian	1	0.4	801	1.3
	Other	13	5.3	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	90	36.7	25808	41.2
	Male	155	63.3	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	20	8.2	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	26	10.6	5889	9.4
	Cadaveric: 12-21	83	33.9	16112	25.7
	Cadaveric: 22-31	73	29.8	14287	22.8
	Cadaveric: 32-41	33	13.5	7669	12.3
	Cadaveric: 42+	9	3.7	2519	4.0
	Not Reported	1	0.4	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	14	5.7	5935	9.5
	1	3	1.2	3484	5.6
	2	28	11.4	9648	15.4
	3	75	30.6	16005	25.6
	4	71	29.0	14003	22.4
	5	39	15.9	8963	14.3
	6	10	4.1	3009	4.8
	Not Reported	5	2.0	1525	2.4
Recipient Age	0-17	23	9.4	3951	6.3
	18-35	73	29.8	20414	32.6
	36-45	51	20.8	16397	26.2
	46-60	74	30.2	17170	27.4
	61+	24	9.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	80	32.7	41213	65.9
	Black	6	2.4	12675	20.3
	Hispanic	95	38.8	5632	9.0
	Asian	1	0.4	1740	2.8
	Other	59	24.1	1231	2.0
	Not Reported	4	1.6	81	0.1
Recipient Gender	Female	99	40.4	25078	40.1
	Male	146	59.6	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	245	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	202	82.4	54138	86.5
	Yes	43	17.6	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	177	72.2	19677	31.4
	1-5	43	17.6	23207	37.1
	6-10	3	1.2	5736	9.2
	11+	3	1.2	5280	8.4
	Not Reported	19	7.8	8672	13.9
Peak PRA Prior to Transplant	0	138	56.3	20469	32.7
	1- 19	33	13.5	26645	42.6
	20- 79	60	24.5	9976	15.9
	80-100	13	5.3	4277	6.8
	Not Reported	1	0.4	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	55	22.4	11726	18.7
	21-25	118	48.2	23821	38.1
	26-30	56	22.9	12454	19.9
	31+	12	4.9	5762	9.2
	Not Reported	4	1.6	8809	14.1
Primary Kidney Disease	Glomerular	80	32.7	16923	27.0
	Cystic/Congenital	25	10.2	7349	11.7
	Systemic	14	5.7	11759	18.8
	Tubulointerstitial	5	2.0	4233	6.8
	Diabetes	70	28.6	14059	22.5
	Other Diagnosis	45	18.4	5271	8.4
	Not Reported	6	2.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	243	99.2	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	2	0.8	906	1.4
Year of Transplant	1988	43	17.6	9021	14.4
	1989	28	11.4	8951	14.3
	1990	38	15.5	9819	15.7
	1991	48	19.6	10077	16.1
	1992	32	13.1	10157	16.2
	1993-1994	56	22.9	14547	23.2
Dialysis in First Week After Transplant*	Yes	21	8.6	5716	9.1
	No	109	44.5	26528	42.4
	Not Reported	5	2.0	949	1.5
	N/A*: Yes	19	7.8	7249	11.6
	N/A*: No	88	35.9	21509	34.4
	N/A*: Not Reported	3	1.2	621	1.0
Rejection in First 6 Months After Transplant*	Yes	57	23.3	13559	21.7
	No	78	31.8	19634	31.4
	N/A*: Yes	56	22.9	12277	19.6
	N/A*: No	54	22.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Presbyterian Hospital - Albuquerque NM
Provider Number 320021 (NMPH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	94	84.0	88.9	34	88.2	90.4	128	128	19	85.2	89.3	-4.1	0.12
1 Year	94	78.7	83.9	34	85.3	85.8	128	128	25	80.5	84.4	-3.9	0.21
Cond. ³ 3 Years	73	94.4	92.6				73	70	4	94.4	92.6	1.8	0.55
3 Years ³		74.3	77.7										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	92	93.4	96.8	34	94.0	97.8	126	125.0	8.0	93.6	97.0	-3.4	0.02*
1 Year	92	89.1	93.8	34	90.9	95.2	126	124.0	13.0	89.5	94.2	-4.7	0.02*
Cond. ³ 3 Years	81	93.7	94.4				81	77.0	5.0	93.7	94.4	-0.8	0.77
3 Years ³		83.4	88.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Presbyterian Hospital - Albuquerque NM
Provider Number 320021 (NMPH)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		128	100.0	62572	100.0
Donor Type	Living	16	12.5	14525	23.2
	Cadaveric: Stroke	28	21.9	15624	25.0
	Cadaveric: MVA	35	27.3	13317	21.3
	Cadaveric: Other	49	38.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	23	18.0	10738	17.2
	18-30	43	33.6	19464	31.1
	31-45	44	34.4	18538	29.6
	46-60	18	14.1	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	67	52.3	49654	79.4
	Black	0	0.0	6469	10.3
	Hispanic	56	43.8	4943	7.9
	Asian	0	0.0	801	1.3
	Other	5	3.9	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	51	39.8	25808	41.2
	Male	77	60.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	14	10.9	10970	17.5
	Living: 3-5	1	0.8	640	1.0
	Living: 6+	1	0.8	551	0.9
	Cadaveric: 0-11	19	14.8	5889	9.4
	Cadaveric: 12-21	69	53.9	16112	25.7
	Cadaveric: 22-31	16	12.5	14287	22.8
	Cadaveric: 32-41	7	5.5	7669	12.3
	Cadaveric: 42+	1	0.8	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	8	6.3	5935	9.5
	1	4	3.1	3484	5.6
	2	26	20.3	9648	15.4
	3	23	18.0	16005	25.6
	4	32	25.0	14003	22.4
	5	27	21.1	8963	14.3
	6	8	6.3	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	1	0.8	3951	6.3
	18-35	42	32.8	20414	32.6
	36-45	38	29.7	16397	26.2
	46-60	39	30.5	17170	27.4
	61+	8	6.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	58	45.3	41213	65.9
	Black	4	3.1	12675	20.3
	Hispanic	44	34.4	5632	9.0
	Asian	1	0.8	1740	2.8
	Other	21	16.4	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	55	43.0	25078	40.1
	Male	73	57.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	128	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	117	91.4	54138	86.5
	Yes	11	8.6	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	64	50.0	19677	31.4
	1-5	25	19.5	23207	37.1
	6-10	3	2.3	5736	9.2
	11+	3	2.3	5280	8.4
	Not Reported	33	25.8	8672	13.9
Peak PRA Prior to Transplant	0	51	39.8	20469	32.7
	1- 19	53	41.4	26645	42.6
	20- 79	18	14.1	9976	15.9
	80-100	6	4.7	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	22	17.2	11726	18.7
	21-25	49	38.3	23821	38.1
	26-30	29	22.7	12454	19.9
	31+	11	8.6	5762	9.2
	Not Reported	17	13.3	8809	14.1
Primary Kidney Disease	Glomerular	53	41.4	16923	27.0
	Cystic/Congenital	11	8.6	7349	11.7
	Systemic	13	10.2	11759	18.8
	Tubulointerstitial	4	3.1	4233	6.8
	Diabetes	44	34.4	14059	22.5
	Other Diagnosis	2	1.6	5271	8.4
	Not Reported	1	0.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	118	92.2	59280	94.7
	Hospitalized	6	4.7	1917	3.1
	ICU/Life Support	3	2.3	469	0.7
	Not Reported	1	0.8	906	1.4
Year of Transplant	1988	22	17.2	9021	14.4
	1989	22	17.2	8951	14.3
	1990	20	15.6	9819	15.7
	1991	24	18.8	10077	16.1
	1992	21	16.4	10157	16.2
	1993-1994	19	14.8	14547	23.2
Dialysis in First Week After Transplant*	Yes	17	13.3	5716	9.1
	No	56	43.8	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	22	17.2	7249	11.6
	N/A*: No	32	25.0	21509	34.4
	N/A*: Not Reported	1	0.8	621	1.0
Rejection in First 6 Months After Transplant*	Yes	20	15.6	13559	21.7
	No	53	41.4	19634	31.4
	N/A*: Yes	16	12.5	12277	19.6
	N/A*: No	39	30.5	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Columbia Sunrise Hospital & Medical Center - Las Vegas NV
Provider Number 290003 (NVHH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	41	87.8	89.4	42	92.9	89.9	83	83	8	90.4	89.6	0.7	0.82
1 Year	41	80.5	83.5	42	88.1	84.4	83	83	13	84.3	84.0	0.4	0.93
Cond. ³ 3 Years	33	81.6	92.3				33	31	6	81.6	92.3	-10.8	0.02*
3 Years ³		65.7	77.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	40	97.4	96.3	42	94.9	96.9	78	77.5	3.0	96.1	96.6	-0.5	0.81
1 Year	40	92.1	92.6	42	93.7	93.2	78	77.5	5.5	92.9	92.9	-0.0	0.99
Cond. ³ 3 Years	37	89.1	92.5				37	36.0	4.0	89.1	92.5	-3.4	0.43
3 Years ³		82.1	85.7										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Columbia Sunrise Hospital & Medical Center - Las Vegas NV
Provider Number 290003 (NVHH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		83	100.0	62572	100.0
Donor Type	Living	17	20.5	14525	23.2
	Cadaveric: Stroke	33	39.8	15624	25.0
	Cadaveric: MVA	13	15.7	13317	21.3
	Cadaveric: Other	20	24.1	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	11	13.3	10738	17.2
	18-30	16	19.3	19464	31.1
	31-45	30	36.1	18538	29.6
	46-60	22	26.5	11397	18.2
	61+	4	4.8	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	75	90.4	49654	79.4
	Black	2	2.4	6469	10.3
	Hispanic	3	3.6	4943	7.9
	Asian	3	3.6	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	42	50.6	25808	41.2
	Male	41	49.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	5	6.0	10970	17.5
	Living: 3-5	12	14.5	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	8	9.6	5889	9.4
	Cadaveric: 12-21	25	30.1	16112	25.7
	Cadaveric: 22-31	22	26.5	14287	22.8
	Cadaveric: 32-41	9	10.8	7669	12.3
	Cadaveric: 42+	2	2.4	2519	4.0
	Not Reported	0	0.0	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	9	10.8	5935	9.5
	1	2	2.4	3484	5.6
	2	8	9.6	9648	15.4
	3	17	20.5	16005	25.6
	4	22	26.5	14003	22.4
	5	21	25.3	8963	14.3
	6	4	4.8	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	20	24.1	20414	32.6
	36-45	15	18.1	16397	26.2
	46-60	30	36.1	17170	27.4
	61+	18	21.7	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	64	77.1	41213	65.9
	Black	9	10.8	12675	20.3
	Hispanic	6	7.2	5632	9.0
	Asian	3	3.6	1740	2.8
	Other	1	1.2	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	25	30.1	25078	40.1
	Male	58	69.9	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	83	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	71	85.5	54138	86.5
	Yes	12	14.5	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	11	13.3	19677	31.4
	1-5	34	41.0	23207	37.1
	6-10	14	16.9	5736	9.2
	11+	9	10.8	5280	8.4
	Not Reported	15	18.1	8672	13.9
Peak PRA Prior to Transplant	0	33	39.8	20469	32.7
	1- 19	44	53.0	26645	42.6
	20- 79	4	4.8	9976	15.9
	80-100	0	0.0	4277	6.8
	Not Reported	2	2.4	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	8	9.6	11726	18.7
	21-25	33	39.8	23821	38.1
	26-30	29	34.9	12454	19.9
	31+	12	14.5	5762	9.2
	Not Reported	1	1.2	8809	14.1
Primary Kidney Disease	Glomerular	22	26.5	16923	27.0
	Cystic/Congenital	11	13.3	7349	11.7
	Systemic	22	26.5	11759	18.8
	Tubulointerstitial	2	2.4	4233	6.8
	Diabetes	21	25.3	14059	22.5
	Other Diagnosis	4	4.8	5271	8.4
	Not Reported	1	1.2	2978	4.8
Recipient Description at Transplant	Not Hospitalized	81	97.6	59280	94.7
	Hospitalized	2	2.4	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	13	15.7	9819	15.7
	1991	19	22.9	10077	16.1
	1992	19	22.9	10157	16.2
	1993-1994	32	38.6	14547	23.2
Dialysis in First Week After Transplant*	Yes	5	6.0	5716	9.1
	No	27	32.5	26528	42.4
	Not Reported	1	1.2	949	1.5
	N/A*: Yes	15	18.1	7249	11.6
	N/A*: No	34	41.0	21509	34.4
	N/A*: Not Reported	1	1.2	621	1.0
Rejection in First 6 Months After Transplant*	Yes	8	9.6	13559	21.7
	No	25	30.1	19634	31.4
	N/A*: Yes	16	19.3	12277	19.6
	N/A*: No	34	41.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University Medical Center of Southern Nevada - Las Vegas NV
Provider Number 290007 (NVUM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	33	93.9	89.6	43	95.3	90.2	76	76	4	94.7	89.9	4.8	0.16
1 Year	33	93.9	84.4	43	90.6	84.8	76	75	6	92.1	84.6	7.5	0.07
Cond. ³ 3 Years	31	79.4	91.9				31	27	6	79.4	91.9	-12.5	0.01*
3 Years ³		74.5	77.6										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	33	96.9	97.0	42	100.0	97.1	75	74.5	1.0	98.7	97.1	1.6	0.41
1 Year	33	96.9	94.0	42	97.6	94.0	75	73.5	2.0	97.3	94.0	3.3	0.22
Cond. ³ 3 Years	32	89.9	94.1				32	27.5	3.0	89.9	94.1	-4.2	0.33
3 Years ³		87.1	88.5										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University Medical Center of Southern Nevada - Las Vegas NV
Provider Number 290007 (NVUM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		76	100.0	62572	100.0
Donor Type	Living	14	18.4	14525	23.2
	Cadaveric: Stroke	21	27.6	15624	25.0
	Cadaveric: MVA	11	14.5	13317	21.3
	Cadaveric: Other	30	39.5	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	9	11.8	10738	17.2
	18-30	21	27.6	19464	31.1
	31-45	24	31.6	18538	29.6
	46-60	16	21.1	11397	18.2
	61+	6	7.9	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	62	81.6	49654	79.4
	Black	4	5.3	6469	10.3
	Hispanic	8	10.5	4943	7.9
	Asian	1	1.3	801	1.3
	Other	1	1.3	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	32	42.1	25808	41.2
	Male	44	57.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	3	3.9	10970	17.5
	Living: 3-5	8	10.5	640	1.0
	Living: 6+	2	2.6	551	0.9
	Cadaveric: 0-11	10	13.2	5889	9.4
	Cadaveric: 12-21	27	35.5	16112	25.7
	Cadaveric: 22-31	14	18.4	14287	22.8
	Cadaveric: 32-41	8	10.5	7669	12.3
	Cadaveric: 42+	2	2.6	2519	4.0
	Not Reported	2	2.6	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	7	9.2	5935	9.5
	1	2	2.6	3484	5.6
	2	9	11.8	9648	15.4
	3	21	27.6	16005	25.6
	4	14	18.4	14003	22.4
	5	9	11.8	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	14	18.4	1525	2.4
Recipient Age	0-17	2	2.6	3951	6.3
	18-35	18	23.7	20414	32.6
	36-45	23	30.3	16397	26.2
	46-60	25	32.9	17170	27.4
	61+	8	10.5	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	51	67.1	41213	65.9
	Black	16	21.1	12675	20.3
	Hispanic	4	5.3	5632	9.0
	Asian	3	3.9	1740	2.8
	Other	2	2.6	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	31	40.8	25078	40.1
	Male	45	59.2	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	75	98.7	59783	95.5
	Kidney and Pancreas	1	1.3	2789	4.5
Previous Kidney Transplant	No	71	93.4	54138	86.5
	Yes	5	6.6	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	38	50.0	19677	31.4
	1-5	0	0.0	23207	37.1
	6-10	1	1.3	5736	9.2
	11+	0	0.0	5280	8.4
	Not Reported	37	48.7	8672	13.9
Peak PRA Prior to Transplant	0	46	60.5	20469	32.7
	1- 19	22	28.9	26645	42.6
	20- 79	0	0.0	9976	15.9
	80-100	1	1.3	4277	6.8
	Not Reported	7	9.2	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	12	15.8	11726	18.7
	21-25	32	42.1	23821	38.1
	26-30	21	27.6	12454	19.9
	31+	11	14.5	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	11	14.5	16923	27.0
	Cystic/Congenital	10	13.2	7349	11.7
	Systemic	17	22.4	11759	18.8
	Tubulointerstitial	6	7.9	4233	6.8
	Diabetes	25	32.9	14059	22.5
	Other Diagnosis	7	9.2	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	72	94.7	59280	94.7
	Hospitalized	1	1.3	1917	3.1
	ICU/Life Support	3	3.9	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	1	1.3	8951	14.3
	1990	11	14.5	9819	15.7
	1991	15	19.7	10077	16.1
	1992	22	28.9	10157	16.2
	1993-1994	27	35.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	3	3.9	5716	9.1
	No	26	34.2	26528	42.4
	Not Reported	2	2.6	949	1.5
	N/A*: Yes	10	13.2	7249	11.6
	N/A*: No	35	46.1	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	9	11.8	13559	21.7
	No	22	28.9	19634	31.4
	N/A*: Yes	22	28.9	12277	19.6
	N/A*: No	23	30.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: University Medical Center of Southern Nevada
1800 W. Charleston, Las Vegas, NV 89102
Provider Number 290007 (NVUM)**

May 1, 1997

University Medical Center is pleased that the UNOS survival statistics reflect our commitment to quality transplant patient care. While no purely statistical analysis should ever be the sole measure of a transplant program's quality, the UNOS data helps demonstrate the success of University Medical Center's kidney transplant program.

Despite beginning our program in 1989, the graft and patient survival statistics for University Medical Center are well above the national average. Both the 3 month (94.7 percent) and 1 year (92.1 percent) graft survival rates significantly exceed UNOS' expected rates of 89.9 and 84.6 percent, respectively.

The patient survival rates for the same time periods were also better than the UNOS expected rates. University Medical Center achieved a 98.7 percent patient survival rate at 3 months and a 97.3 percent at one year.

Of the kidney transplants performed at University Medical Center in the reporting period, there were significantly older recipients and more recipients with diabetes as the cause of their kidney failure than the national norm. We also had significantly more recipients who were in the intensive care unit prior to transplant (3.9 percent) than the UNOS average (0.7 percent). Despite this complex patient mix our result showed need for first posttransplant week dialysis (3.9 percent) was well below the national average of 9.1 percent. In addition, our first six months rejection rate (11.8 percent) was almost half of the national average of 21.7 percent.

We believe our excellent statistics reflect our attention to patient care details with our multidisciplinary approach. It also reflects the close cooperation between the medical and surgical specialists.

Jose U. Zamora II MD
Director, Transplantation Services



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Albany Medical Center Hospital - Albany NY
Provider Number 330013 (NYAM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	261	90.4	86.5	127	91.3	90.0	388	388	36	90.7	87.7	3.0	0.06
1 Year	261	85.8	80.8	127	89.8	85.1	388	388	50	87.1	82.2	4.9	<0.01*
Cond. ³ 3 Years	224	95.0	90.8				224	216	11	95.0	90.8	4.3	0.02*
3 Years ³		81.6	73.3										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	258	97.7	97.1	127	98.4	97.7	385	381.0	8.0	97.9	97.3	0.6	0.45
1 Year	258	96.1	94.2	127	97.6	94.9	385	380.0	13.0	96.6	94.4	2.1	0.06
Cond. ³ 3 Years	248	95.9	94.5				248	240.0	10.0	95.9	94.5	1.4	0.33
3 Years ³		92.2	89.0										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Albany Medical Center Hospital - Albany NY
Provider Number 330013 (NYAM)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		388	100.0	62572	100.0
Donor Type	Living	49	12.6	14525	23.2
	Cadaveric: Stroke	136	35.1	15624	25.0
	Cadaveric: MVA	96	24.7	13317	21.3
	Cadaveric: Other	107	27.6	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	66	17.0	10738	17.2
	18-30	102	26.3	19464	31.1
	31-45	96	24.7	18538	29.6
	46-60	94	24.2	11397	18.2
	61+	30	7.7	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	358	92.3	49654	79.4
	Black	15	3.9	6469	10.3
	Hispanic	8	2.1	4943	7.9
	Asian	3	0.8	801	1.3
	Other	4	1.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	171	44.1	25808	41.2
	Male	217	55.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	46	11.9	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	3	0.8	551	0.9
	Cadaveric: 0-11	17	4.4	5889	9.4
	Cadaveric: 12-21	166	42.8	16112	25.7
	Cadaveric: 22-31	123	31.7	14287	22.8
	Cadaveric: 32-41	24	6.2	7669	12.3
	Cadaveric: 42+	9	2.3	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	32	8.2	5935	9.5
	1	18	4.6	3484	5.6
	2	47	12.1	9648	15.4
	3	99	25.5	16005	25.6
	4	98	25.3	14003	22.4
	5	71	18.3	8963	14.3
	6	23	5.9	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	23	5.9	3951	6.3
	18-35	146	37.6	20414	32.6
	36-45	103	26.5	16397	26.2
	46-60	100	25.8	17170	27.4
	61+	16	4.1	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	349	89.9	41213	65.9
	Black	30	7.7	12675	20.3
	Hispanic	5	1.3	5632	9.0
	Asian	4	1.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	156	40.2	25078	40.1
	Male	232	59.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	387	99.7	59783	95.5
	Kidney and Pancreas	1	0.3	2789	4.5
Previous Kidney Transplant	No	351	90.5	54138	86.5
	Yes	37	9.5	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	168	43.3	19677	31.4
	1-5	119	30.7	23207	37.1
	6-10	52	13.4	5736	9.2
	11+	48	12.4	5280	8.4
	Not Reported	1	0.3	8672	13.9
Peak PRA Prior to Transplant	0	69	17.8	20469	32.7
	1- 19	230	59.3	26645	42.6
	20- 79	59	15.2	9976	15.9
	80-100	30	7.7	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	83	21.4	11726	18.7
	21-25	179	46.1	23821	38.1
	26-30	83	21.4	12454	19.9
	31+	43	11.1	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	106	27.3	16923	27.0
	Cystic/Congenital	67	17.3	7349	11.7
	Systemic	40	10.3	11759	18.8
	Tubulointerstitial	12	3.1	4233	6.8
	Diabetes	92	23.7	14059	22.5
	Other Diagnosis	32	8.2	5271	8.4
	Not Reported	39	10.1	2978	4.8
Recipient Description at Transplant	Not Hospitalized	388	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	52	13.4	9021	14.4
	1989	65	16.8	8951	14.3
	1990	54	13.9	9819	15.7
	1991	61	15.7	10077	16.1
	1992	70	18.0	10157	16.2
	1993-1994	86	22.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	20	5.2	5716	9.1
	No	204	52.6	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	29	7.5	7249	11.6
	N/A*: No	135	34.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	67	17.3	13559	21.7
	No	157	40.5	19634	31.4
	N/A*: Yes	68	17.5	12277	19.6
	N/A*: No	96	24.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Children's Hospital - Buffalo NY
Provider Number 333300 (NYBC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	21	85.7	85.6	9	66.7	90.5	30	29	6	80.0	87.1	-7.1	0.23
1 Year	21	80.9	80.5	9	61.1	86.2	30	26	7	75.5	82.0	-6.5	0.34
Cond. ³ 3 Years	16	68.0	90.3				16	15	5	68.0	90.3	-22.3	<0.01*
3 Years ³		55.0	72.7										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	20	100.0	98.3	9	100.0	99.1	29	27.0	0.0	100.0	98.5	1.5	0.52
1 Year	20	94.7	96.8	9	100.0	98.2	29	24.0	1.0	96.2	97.2	-1.0	0.73
Cond. ³ 3 Years	18	100.0	97.7				18	14.5	0.0	100.0	97.7	2.3	0.55
3 Years ³		94.7	94.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Children's Hospital - Buffalo NY
Provider Number 333300 (NYBC)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		30	100.0	62572	100.0
Donor Type	Living	13	43.3	14525	23.2
	Cadaveric: Stroke	5	16.7	15624	25.0
	Cadaveric: MVA	8	26.7	13317	21.3
	Cadaveric: Other	4	13.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	6	20.0	10738	17.2
	18-30	8	26.7	19464	31.1
	31-45	10	33.3	18538	29.6
	46-60	5	16.7	11397	18.2
	61+	1	3.3	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	25	83.3	49654	79.4
	Black	2	6.7	6469	10.3
	Hispanic	2	6.7	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	1	3.3	85	0.1
Donor Gender	Female	16	53.3	25808	41.2
	Male	14	46.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	11	36.7	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	2	6.7	551	0.9
	Cadaveric: 0-11	2	6.7	5889	9.4
	Cadaveric: 12-21	6	20.0	16112	25.7
	Cadaveric: 22-31	6	20.0	14287	22.8
	Cadaveric: 32-41	1	3.3	7669	12.3
	Cadaveric: 42+	1	3.3	2519	4.0
	Not Reported	1	3.3	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	1	3.3	5935	9.5
	1	2	6.7	3484	5.6
	2	6	20.0	9648	15.4
	3	9	30.0	16005	25.6
	4	6	20.0	14003	22.4
	5	5	16.7	8963	14.3
	6	1	3.3	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	23	76.7	3951	6.3
	18-35	7	23.3	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	25	83.3	41213	65.9
	Black	2	6.7	12675	20.3
	Hispanic	3	10.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	12	40.0	25078	40.1
	Male	18	60.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	30	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	25	83.3	54138	86.5
	Yes	5	16.7	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	11	36.7	19677	31.4
	1-5	8	26.7	23207	37.1
	6-10	0	0.0	5736	9.2
	11+	2	6.7	5280	8.4
	Not Reported	9	30.0	8672	13.9
Peak PRA Prior to Transplant	0	10	33.3	20469	32.7
	1- 19	15	50.0	26645	42.6
	20- 79	4	13.3	9976	15.9
	80-100	1	3.3	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	20	66.7	11726	18.7
	21-25	6	20.0	23821	38.1
	26-30	2	6.7	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	2	6.7	8809	14.1
Primary Kidney Disease	Glomerular	8	26.7	16923	27.0
	Cystic/Congenital	7	23.3	7349	11.7
	Systemic	2	6.7	11759	18.8
	Tubulointerstitial	10	33.3	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	3	10.0	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	28	93.3	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	2	6.7	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	5	16.7	9021	14.4
	1989	4	13.3	8951	14.3
	1990	7	23.3	9819	15.7
	1991	3	10.0	10077	16.1
	1992	8	26.7	10157	16.2
	1993-1994	3	10.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	1	3.3	5716	9.1
	No	15	50.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	3	10.0	7249	11.6
	N/A*: No	8	26.7	21509	34.4
	N/A*: Not Reported	3	10.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	5	16.7	13559	21.7
	No	11	36.7	19634	31.4
	N/A*: Yes	6	20.0	12277	19.6
	N/A*: No	8	26.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Response From: Children's Hospital of Buffalo
219 Bryant Street, Buffalo, NY 14222
Provider Number 333300 (NYBC)

May 1, 1997

The Children's Hospital of Buffalo is a pediatric transplant center serving the Western and Southern regions of New York State. The Kidney Center of the Children's Hospital was established in 1983 as the centralized unit for children requiring dialysis and/or transplantation.

The survival report is not an accurate reflection of the commitment to care and standards of excellence found at the Kidney Center of the Children's Hospital of Buffalo. Since the number of transplants performed at a pediatric center is a small fraction compared to adult centers, a short period of reporting provides a limited view of the survival rates. The survival data reported from January 1, 1988 to April 30, 1994 reflect only a small number of the patients transplanted at our Center from 1983 to 1997. The patient survival rate is 98%. The only death reported from our Center since 1983 occurred during the January 1, 1988-April 30, 1992 period. The cause of death was from a lymphoproliferative disorder which is the only the second malignancy reported from our Center.

The graft survival data reflects three unique situations. The first is technical problems. Two grafts were lost due to vascular problems in the operating room. The second is poor compliance with medications resulting in graft loss in five patients. The third is relates to one patient in which the graft failed under the care of another transplant center. Despite extensive efforts to insure compliance with medications, adolescent patients and young parents pose a significant challenge. Young and/or single parents generally find it very difficult to comply with daily (lifelong) medication regimens and delay access to medical care for transplant-associated problems. Children living in stable households with strong supportive families are more attentive to therapeutic regimens and are brought immediately to the transplant center with acute medical problems.

Therefore, the overall survival rates from January 1, 1988 to April 30, 1994 need to adjusted for the factors noted above. The Kidney Center of the Children's Hospital of Buffalo met stringent membership criteria in order to become a member of UNOS. We are proud of our transplant program and will endeavor to continue providing the finest patient care available found anywhere in the United States.

Leonard G. Feld, M.D., Ph.D.
Chief, Pediatric Nephrology
Director, Pediatric Renal Transplant Program



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Buffalo General Hospital - Buffalo NY
Provider Number 330005 (NYBU)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	110	80.9	88.6	41	83.9	90.7	151	146	27	81.6	89.2	-7.5	<0.01*
1 Year	110	77.1	83.4	41	72.9	86.0	151	145	35	76.0	84.0	-8.0	<0.01*
Cond. ³ 3 Years	84	95.0	91.3				84	72	4	95.0	91.3	3.6	0.24
3 Years ³		73.2	76.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	106	93.2	97.4	41	90.5	98.2	147	138.7	10.5	92.5	97.6	-5.1	<0.01*
1 Year	106	89.3	94.9	41	87.6	95.9	147	136.7	15.5	88.8	95.2	-6.3	<0.01*
Cond. ³ 3 Years	93	98.3	95.2				93	81.0	1.5	98.3	95.2	3.1	0.17
3 Years ³		87.8	90.4										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Buffalo General Hospital - Buffalo NY
Provider Number 330005 (NYBU)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		151	100.0	62572	100.0
Donor Type	Living	29	19.2	14525	23.2
	Cadaveric: Stroke	56	37.1	15624	25.0
	Cadaveric: MVA	31	20.5	13317	21.3
	Cadaveric: Other	35	23.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	18	11.9	10738	17.2
	18-30	46	30.5	19464	31.1
	31-45	46	30.5	18538	29.6
	46-60	36	23.8	11397	18.2
	61+	5	3.3	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	140	92.7	49654	79.4
	Black	9	6.0	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	2	1.3	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	79	52.3	25808	41.2
	Male	72	47.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	21	13.9	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	35	23.2	5889	9.4
	Cadaveric: 12-21	44	29.1	16112	25.7
	Cadaveric: 22-31	34	22.5	14287	22.8
	Cadaveric: 32-41	2	1.3	7669	12.3
	Cadaveric: 42+	1	0.7	2519	4.0
	Not Reported	14	9.3	3935	6.3

		---- Program----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	15	9.9	5935	9.5
	1	3	2.0	3484	5.6
	2	26	17.2	9648	15.4
	3	45	29.8	16005	25.6
	4	29	19.2	14003	22.4
	5	21	13.9	8963	14.3
	6	7	4.6	3009	4.8
	Not Reported	5	3.3	1525	2.4
Recipient Age	0-17	2	1.3	3951	6.3
	18-35	61	40.4	20414	32.6
	36-45	46	30.5	16397	26.2
	46-60	39	25.8	17170	27.4
	61+	3	2.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	124	82.1	41213	65.9
	Black	20	13.2	12675	20.3
	Hispanic	5	3.3	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	1	0.7	1231	2.0
	Not Reported	1	0.7	81	0.1
Recipient Gender	Female	69	45.7	25078	40.1
	Male	82	54.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	151	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	119	78.8	54138	86.5
	Yes	26	17.2	8247	13.2
	Not Reported	6	4.0	187	0.3
Pretransplant Transfusions	0	21	13.9	19677	31.4
	1-5	51	33.8	23207	37.1
	6-10	18	11.9	5736	9.2
	11+	41	27.2	5280	8.4
	Not Reported	20	13.2	8672	13.9
Peak PRA Prior to Transplant	0	62	41.1	20469	32.7
	1- 19	60	39.7	26645	42.6
	20- 79	21	13.9	9976	15.9
	80-100	8	5.3	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	30	19.9	11726	18.7
	21-25	55	36.4	23821	38.1
	26-30	33	21.9	12454	19.9
	31+	14	9.3	5762	9.2
	Not Reported	19	12.6	8809	14.1
Primary Kidney Disease	Glomerular	60	39.7	16923	27.0
	Cystic/Congenital	29	19.2	7349	11.7
	Systemic	12	7.9	11759	18.8
	Tubulointerstitial	8	5.3	4233	6.8
	Diabetes	32	21.2	14059	22.5
	Other Diagnosis	2	1.3	5271	8.4
	Not Reported	8	5.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	143	94.7	59280	94.7
	Hospitalized	1	0.7	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	7	4.6	906	1.4
Year of Transplant	1988	34	22.5	9021	14.4
	1989	21	13.9	8951	14.3
	1990	21	13.9	9819	15.7
	1991	23	15.2	10077	16.1
	1992	20	13.2	10157	16.2
	1993-1994	32	21.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	16	10.6	5716	9.1
	No	63	41.7	26528	42.4
	Not Reported	5	3.3	949	1.5
	N/A*: Yes	17	11.3	7249	11.6
	N/A*: No	42	27.8	21509	34.4
	N/A*: Not Reported	8	5.3	621	1.0
Rejection in First 6 Months After Transplant*	Yes	46	30.5	13559	21.7
	No	38	25.2	19634	31.4
	N/A*: Yes	26	17.2	12277	19.6
	N/A*: No	41	27.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Presbyterian Hospital in NY City - New York NY
Provider Number 330012 (NYCP)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	219	90.9	88.7	122	86.8	89.8	341	316	34	89.4	89.1	0.3	0.88
1 Year	219	88.3	83.9	122	84.2	85.1	341	314	42	86.7	84.4	2.4	0.23
Cond. ³ 3 Years	171	95.2	91.4				171	165	8	95.2	91.4	3.8	0.07
3 Years ³		84.0	76.7										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	217	98.4	97.7	122	95.5	97.8	332	289.3	8.0	97.3	97.7	-0.4	0.60
1 Year	217	96.1	95.4	122	93.6	95.3	332	284.8	14.0	95.2	95.3	-0.2	0.89
Cond. ³ 3 Years	177	98.8	95.6				177	164.8	2.0	98.8	95.6	3.2	0.04*
3 Years ³		95.0	91.2										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Presbyterian Hospital in NY City - New York NY
Provider Number 330012 (NYCP)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		341	100.0	62572	100.0
Donor Type	Living	119	34.9	14525	23.2
	Cadaveric: Stroke	72	21.1	15624	25.0
	Cadaveric: MVA	49	14.4	13317	21.3
	Cadaveric: Other	101	29.6	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	47	13.8	10738	17.2
	18-30	112	32.8	19464	31.1
	31-45	106	31.1	18538	29.6
	46-60	66	19.4	11397	18.2
	61+	10	2.9	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	173	50.7	49654	79.4
	Black	64	18.8	6469	10.3
	Hispanic	93	27.3	4943	7.9
	Asian	4	1.2	801	1.3
	Other	7	2.1	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	126	37.0	25808	41.2
	Male	215	63.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	44	12.9	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	9	2.6	5889	9.4
	Cadaveric: 12-21	42	12.3	16112	25.7
	Cadaveric: 22-31	100	29.3	14287	22.8
	Cadaveric: 32-41	20	5.9	7669	12.3
	Cadaveric: 42+	22	6.5	2519	4.0
	Not Reported	104	30.5	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	33	9.7	5935	9.5
	1	15	4.4	3484	5.6
	2	69	20.2	9648	15.4
	3	102	29.9	16005	25.6
	4	65	19.1	14003	22.4
	5	38	11.1	8963	14.3
	6	17	5.0	3009	4.8
	Not Reported	2	0.6	1525	2.4
Recipient Age	0-17	14	4.1	3951	6.3
	18-35	142	41.6	20414	32.6
	36-45	79	23.2	16397	26.2
	46-60	86	25.2	17170	27.4
	61+	19	5.6	4627	7.4
	Not Reported	1	0.3	13	0.0
Recipient Race	White	180	52.8	41213	65.9
	Black	63	18.5	12675	20.3
	Hispanic	72	21.1	5632	9.0
	Asian	13	3.8	1740	2.8
	Other	12	3.5	1231	2.0
	Not Reported	1	0.3	81	0.1
Recipient Gender	Female	130	38.1	25078	40.1
	Male	211	61.9	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	341	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	260	76.2	54138	86.5
	Yes	53	15.5	8247	13.2
	Not Reported	28	8.2	187	0.3
Pretransplant Transfusions	0	72	21.1	19677	31.4
	1-5	135	39.6	23207	37.1
	6-10	29	8.5	5736	9.2
	11+	53	15.5	5280	8.4
	Not Reported	52	15.2	8672	13.9
Peak PRA Prior to Transplant	0	31	9.1	20469	32.7
	1- 19	165	48.4	26645	42.6
	20- 79	87	25.5	9976	15.9
	80-100	56	16.4	4277	6.8
	Not Reported	2	0.6	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	41	12.0	11726	18.7
	21-25	106	31.1	23821	38.1
	26-30	49	14.4	12454	19.9
	31+	11	3.2	5762	9.2
	Not Reported	134	39.3	8809	14.1
Primary Kidney Disease	Glomerular	105	30.8	16923	27.0
	Cystic/Congenital	32	9.4	7349	11.7
	Systemic	69	20.2	11759	18.8
	Tubulointerstitial	21	6.2	4233	6.8
	Diabetes	42	12.3	14059	22.5
	Other Diagnosis	30	8.8	5271	8.4
	Not Reported	42	12.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	310	90.9	59280	94.7
	Hospitalized	3	0.9	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	28	8.2	906	1.4
Year of Transplant	1988	42	12.3	9021	14.4
	1989	46	13.5	8951	14.3
	1990	62	18.2	9819	15.7
	1991	51	15.0	10077	16.1
	1992	61	17.9	10157	16.2
	1993-1994	79	23.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	64	18.8	5716	9.1
	No	92	27.0	26528	42.4
	Not Reported	15	4.4	949	1.5
	N/A*: Yes	65	19.1	7249	11.6
	N/A*: No	81	23.8	21509	34.4
	N/A*: Not Reported	24	7.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	26	7.6	13559	21.7
	No	145	42.5	19634	31.4
	N/A*: Yes	24	7.0	12277	19.6
	N/A*: No	146	42.8	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for SUNY Health Science Center - Brooklyn NY
Provider Number 330350 (NYDS)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	303	86.0	87.3	126	83.3	89.5	429	424	63	85.2	87.9	-2.7	0.07
1 Year	303	79.2	81.2	126	76.0	83.3	429	421	92	78.2	81.8	-3.6	0.05*
Cond. ³ 3 Years	233	87.8	88.0				233	209	27	87.8	88.0	-0.2	0.93
3 Years ³		69.5	71.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	299	96.9	97.2	126	96.0	97.5	425	411.8	14.0	96.6	97.3	-0.6	0.41
1 Year	299	94.7	94.4	126	93.4	94.3	425	396.3	23.0	94.3	94.4	-0.0	0.97
Cond. ³ 3 Years	266	92.6	94.7				266	245.0	19.0	92.6	94.7	-2.2	0.11
3 Years ³		87.7	89.4										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

SUNY Health Science Center - Brooklyn NY
Provider Number 330350 (NYDS)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		429	100.0	62572	100.0
Donor Type	Living	115	26.8	14525	23.2
	Cadaveric: Stroke	127	29.6	15624	25.0
	Cadaveric: MVA	50	11.7	13317	21.3
	Cadaveric: Other	136	31.7	19030	30.4
	Not Reported	1	0.2	76	0.1
Donor Age	0-17	49	11.4	10738	17.2
	18-30	137	31.9	19464	31.1
	31-45	116	27.0	18538	29.6
	46-60	102	23.8	11397	18.2
	61+	25	5.8	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	180	42.0	49654	79.4
	Black	111	25.9	6469	10.3
	Hispanic	117	27.3	4943	7.9
	Asian	9	2.1	801	1.3
	Other	12	2.8	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	173	40.3	25808	41.2
	Male	256	59.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	90	21.0	10970	17.5
	Living: 3-5	9	2.1	640	1.0
	Living: 6+	2	0.5	551	0.9
	Cadaveric: 0-11	24	5.6	5889	9.4
	Cadaveric: 12-21	48	11.2	16112	25.7
	Cadaveric: 22-31	120	28.0	14287	22.8
	Cadaveric: 32-41	64	14.9	7669	12.3
	Cadaveric: 42+	41	9.6	2519	4.0
	Not Reported	31	7.2	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	38	8.9	5935	9.5
	1	21	4.9	3484	5.6
	2	64	14.9	9648	15.4
	3	120	28.0	16005	25.6
	4	96	22.4	14003	22.4
	5	70	16.3	8963	14.3
	6	13	3.0	3009	4.8
	Not Reported	7	1.6	1525	2.4
Recipient Age	0-17	22	5.1	3951	6.3
	18-35	153	35.7	20414	32.6
	36-45	109	25.4	16397	26.2
	46-60	116	27.0	17170	27.4
	61+	29	6.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	128	29.8	41213	65.9
	Black	182	42.4	12675	20.3
	Hispanic	86	20.0	5632	9.0
	Asian	12	2.8	1740	2.8
	Other	18	4.2	1231	2.0
	Not Reported	3	0.7	81	0.1
Recipient Gender	Female	180	42.0	25078	40.1
	Male	249	58.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	425	99.1	59783	95.5
	Kidney and Pancreas	4	0.9	2789	4.5
Previous Kidney Transplant	No	360	83.9	54138	86.5
	Yes	66	15.4	8247	13.2
	Not Reported	3	0.7	187	0.3
Pretransplant Transfusions	0	84	19.6	19677	31.4
	1-5	215	50.1	23207	37.1
	6-10	30	7.0	5736	9.2
	11+	42	9.8	5280	8.4
	Not Reported	58	13.5	8672	13.9
Peak PRA Prior to Transplant	0	231	53.8	20469	32.7
	1- 19	48	11.2	26645	42.6
	20- 79	87	20.3	9976	15.9
	80-100	23	5.4	4277	6.8
	Not Reported	40	9.3	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	99	23.1	11726	18.7
	21-25	228	53.1	23821	38.1
	26-30	69	16.1	12454	19.9
	31+	30	7.0	5762	9.2
	Not Reported	3	0.7	8809	14.1
Primary Kidney Disease	Glomerular	72	16.8	16923	27.0
	Cystic/Congenital	33	7.7	7349	11.7
	Systemic	140	32.6	11759	18.8
	Tubulointerstitial	30	7.0	4233	6.8
	Diabetes	40	9.3	14059	22.5
	Other Diagnosis	63	14.7	5271	8.4
	Not Reported	51	11.9	2978	4.8
Recipient Description at Transplant	Not Hospitalized	361	84.1	59280	94.7
	Hospitalized	58	13.5	1917	3.1
	ICU/Life Support	4	0.9	469	0.7
	Not Reported	6	1.4	906	1.4
Year of Transplant	1988	97	22.6	9021	14.4
	1989	76	17.7	8951	14.3
	1990	64	14.9	9819	15.7
	1991	54	12.6	10077	16.1
	1992	43	10.0	10157	16.2
	1993-1994	95	22.1	14547	23.2
Dialysis in First Week After Transplant*	Yes	51	11.9	5716	9.1
	No	169	39.4	26528	42.4
	Not Reported	13	3.0	949	1.5
	N/A*: Yes	80	18.6	7249	11.6
	N/A*: No	107	24.9	21509	34.4
	N/A*: Not Reported	9	2.1	621	1.0
Rejection in First 6 Months After Transplant*	Yes	112	26.1	13559	21.7
	No	121	28.2	19634	31.4
	N/A*: Yes	139	32.4	12277	19.6
	N/A*: No	57	13.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Erie County Medical Center - Buffalo NY
Provider Number 330219 (NYEC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	49	81.6	86.6	27	88.9	88.1	76	76	12	84.2	87.2	-2.9	0.44
1 Year	49	73.5	80.5	27	85.2	81.9	76	76	17	77.6	81.0	-3.4	0.44
Cond. ³ 3 Years	36	97.1	88.4				36	33	1	97.1	88.4	8.6	0.11
3 Years ³		71.3	71.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	49	91.8	96.7	27	100.0	97.3	75	75.0	4.0	94.7	96.9	-2.2	0.26
1 Year	49	87.6	93.7	27	92.5	94.1	75	75.0	8.0	89.3	93.9	-4.5	0.10
Cond. ³ 3 Years	43	92.9	94.1				43	41.0	3.0	92.9	94.1	-1.2	0.74
3 Years ³		81.4	88.1										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Erie County Medical Center - Buffalo NY
Provider Number 330219 (NYEC)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		76	100.0	62572	100.0
Donor Type	Living	4	5.3	14525	23.2
	Cadaveric: Stroke	30	39.5	15624	25.0
	Cadaveric: MVA	19	25.0	13317	21.3
	Cadaveric: Other	23	30.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	10	13.2	10738	17.2
	18-30	23	30.3	19464	31.1
	31-45	24	31.6	18538	29.6
	46-60	15	19.7	11397	18.2
	61+	4	5.3	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	70	92.1	49654	79.4
	Black	6	7.9	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	36	47.4	25808	41.2
	Male	40	52.6	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	4	5.3	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	13	17.1	5889	9.4
	Cadaveric: 12-21	32	42.1	16112	25.7
	Cadaveric: 22-31	21	27.6	14287	22.8
	Cadaveric: 32-41	5	6.6	7669	12.3
	Cadaveric: 42+	1	1.3	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	2	2.6	5935	9.5
	1	2	2.6	3484	5.6
	2	8	10.5	9648	15.4
	3	16	21.1	16005	25.6
	4	23	30.3	14003	22.4
	5	25	32.9	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	28	36.8	20414	32.6
	36-45	27	55.5	16397	26.2
	46-60	17	22.4	17170	27.4
	61+	4	5.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	51	67.1	41213	65.9
	Black	23	30.3	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	1	1.3	1740	2.8
	Other	1	1.3	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	30	39.5	25078	40.1
	Male	46	60.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	76	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	67	88.2	54138	86.5
	Yes	9	11.8	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	28	36.8	19677	31.4
	1-5	24	31.6	23207	37.1
	6-10	9	11.8	5736	9.2
	11+	15	19.7	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	27	35.5	20469	32.7
	1- 19	36	47.4	26645	42.6
	20- 79	8	10.5	9976	15.9
	80-100	5	6.6	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	14	18.4	11726	18.7
	21-25	28	36.8	23821	38.1
	26-30	25	32.9	12454	19.9
	31+	9	11.8	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	26	34.2	16923	27.0
	Cystic/Congenital	4	5.3	7349	11.7
	Systemic	12	15.8	11759	18.8
	Tubulointerstitial	3	3.9	4233	6.8
	Diabetes	25	32.9	14059	22.5
	Other Diagnosis	6	7.9	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	76	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	10	13.2	9021	14.4
	1989	17	22.4	8951	14.3
	1990	9	11.8	9819	15.7
	1991	9	11.8	10077	16.1
	1992	10	13.2	10157	16.2
	1993-1994	21	27.6	14547	23.2
Dialysis in First Week After Transplant*	Yes	8	10.5	5716	9.1
	No	28	36.8	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	9	11.8	7249	11.6
	N/A*: No	31	40.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	12	15.8	13559	21.7
	No	24	31.6	19634	31.4
	N/A*: Yes	19	25.0	12277	19.6
	N/A*: No	21	27.6	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Strong Memorial Hospital - Rochester NY
Provider Number 330285 (NYFL)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	194	88.1	86.5	129	95.3	90.4	323	322	29	91.0	88.0	2.9	0.10
1 Year	194	82.9	80.4	129	85.9	85.4	323	319	51	84.1	82.4	1.7	0.41
Cond. ³ 3 Years	159	92.4	90.4				159	153	12	92.4	90.4	2.0	0.39
3 Years ³		76.5	72.7										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	192	95.7	96.8	129	100.0	97.7	318	310.5	8.0	97.4	97.2	0.3	0.78
1 Year	192	94.1	93.7	129	96.7	95.1	318	303.5	15.0	95.1	94.2	0.9	0.49
Cond. ³ 3 Years	179	93.2	94.2				179	175.0	12.0	93.2	94.2	-1.0	0.58
3 Years ³		87.7	88.2										

- Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.
- ² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.
- ³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.
- ⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.
- ⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Strong Memorial Hospital - Rochester NY
Provider Number 330285 (NYFL)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		323	100.0	62572	100.0
Donor Type	Living	44	13.6	14525	23.2
	Cadaveric: Stroke	122	37.8	15624	25.0
	Cadaveric: MVA	58	18.0	13317	21.3
	Cadaveric: Other	99	30.7	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	41	12.7	10738	17.2
	18-30	69	21.4	19464	31.1
	31-45	98	30.3	18538	29.6
	46-60	96	29.7	11397	18.2
	61+	19	5.9	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	286	88.5	49654	79.4
	Black	27	8.4	6469	10.3
	Hispanic	5	1.5	4943	7.9
	Asian	4	1.2	801	1.3
	Other	1	0.3	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	119	36.8	25808	41.2
	Male	204	63.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	32	9.9	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	8	2.5	551	0.9
	Cadaveric: 0-11	43	13.3	5889	9.4
	Cadaveric: 12-21	131	40.6	16112	25.7
	Cadaveric: 22-31	56	17.3	14287	22.8
	Cadaveric: 32-41	24	7.4	7669	12.3
	Cadaveric: 42+	12	3.7	2519	4.0
	Not Reported	17	5.3	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	19	5.9	5935	9.5
	1	12	3.7	3484	5.6
	2	31	9.6	9648	15.4
	3	61	18.9	16005	25.6
	4	84	26.0	14003	22.4
	5	86	26.6	8963	14.3
	6	25	7.7	3009	4.8
	Not Reported	5	1.5	1525	2.4
Recipient Age	0-17	20	6.2	3951	6.3
	18-35	104	32.2	20414	32.6
	36-45	79	24.5	16397	26.2
	46-60	100	31.0	17170	27.4
	61+	20	6.2	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	251	77.7	41213	65.9
	Black	50	15.5	12675	20.3
	Hispanic	12	3.7	5632	9.0
	Asian	6	1.9	1740	2.8
	Other	4	1.2	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	131	40.6	25078	40.1
	Male	192	59.4	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	314	97.2	59783	95.5
	Kidney and Pancreas	9	2.8	2789	4.5
Previous Kidney Transplant	No	282	87.3	54138	86.5
	Yes	41	12.7	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	104	32.2	19677	31.4
	1-5	107	33.1	23207	37.1
	6-10	35	10.8	5736	9.2
	11+	74	22.9	5280	8.4
	Not Reported	3	0.9	8672	13.9
Peak PRA Prior to Transplant	0	57	17.6	20469	32.7
	1- 19	187	57.9	26645	42.6
	20- 79	66	20.4	9976	15.9
	80-100	13	4.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	60	18.6	11726	18.7
	21-25	162	50.2	23821	38.1
	26-30	75	23.2	12454	19.9
	31+	25	7.7	5762	9.2
	Not Reported	1	0.3	8809	14.1
Primary Kidney Disease	Glomerular	107	33.1	16923	27.0
	Cystic/Congenital	58	18.0	7349	11.7
	Systemic	26	8.0	11759	18.8
	Tubulointerstitial	24	7.4	4233	6.8
	Diabetes	60	18.6	14059	22.5
	Other Diagnosis	38	11.8	5271	8.4
	Not Reported	10	3.1	2978	4.8
Recipient Description at Transplant	Not Hospitalized	323	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	31	9.6	9021	14.4
	1989	50	15.5	8951	14.3
	1990	53	16.4	9819	15.7
	1991	43	13.3	10077	16.1
	1992	63	19.5	10157	16.2
	1993-1994	83	25.7	14547	23.2
Dialysis in First Week After Transplant*	Yes	12	3.7	5716	9.1
	No	147	45.5	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	22	6.8	7249	11.6
	N/A*: No	141	43.7	21509	34.4
	N/A*: Not Reported	1	0.3	621	1.0
Rejection in First 6 Months After Transplant*	Yes	63	19.5	13559	21.7
	No	96	29.7	19634	31.4
	N/A*: Yes	63	19.5	12277	19.6
	N/A*: No	101	31.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Montefiore Medical Center - Bronx NY
Provider Number 330059 (NYMA)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	314	80.8	84.8	141	78.7	88.4	455	454	90	80.2	85.9	-5.7	<0.01*
1 Year	314	76.0	78.5	141	73.8	82.7	455	453	112	75.3	79.8	-4.5	0.01*
Cond. ³ 3 Years	237	84.1	89.8				237	228	37	84.1	89.8	-5.7	<0.01*
3 Years ³		63.9	70.5										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	305	96.8	96.5	141	96.4	97.8	438	431.8	14.5	96.7	96.9	-0.2	0.77
1 Year	305	96.1	93.3	141	92.7	95.2	438	428.8	21.5	95.0	93.9	1.1	0.32
Cond. ³ 3 Years	289	94.3	93.9				289	275.7	16.0	94.3	93.9	0.4	0.75
3 Years ³		90.6	87.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Montefiore Medical Center - Bronx NY
Provider Number 330059 (NYMA)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		455	100.0	62572	100.0
Donor Type	Living	75	16.5	14525	23.2
	Cadaveric: Stroke	100	22.0	15624	25.0
	Cadaveric: MVA	67	14.7	13317	21.3
	Cadaveric: Other	213	46.8	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	87	19.1	10738	17.2
	18-30	160	35.2	19464	31.1
	31-45	129	28.4	18538	29.6
	46-60	57	12.5	11397	18.2
	61+	21	4.6	2394	3.8
	Not Reported	1	0.2	41	0.1
Donor Race	White	218	47.9	49654	79.4
	Black	95	20.9	6469	10.3
	Hispanic	136	29.9	4943	7.9
	Asian	4	0.9	801	1.3
	Other	2	0.4	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	144	31.6	25808	41.2
	Male	311	68.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	75	16.5	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	8	1.8	5889	9.4
	Cadaveric: 12-21	65	14.3	16112	25.7
	Cadaveric: 22-31	197	43.3	14287	22.8
	Cadaveric: 32-41	83	18.2	7669	12.3
	Cadaveric: 42+	26	5.7	2519	4.0
	Not Reported	1	0.2	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	40	8.8	5935	9.5
	1	24	5.3	3484	5.6
	2	64	14.1	9648	15.4
	3	110	24.2	16005	25.6
	4	101	22.2	14003	22.4
	5	72	15.8	8963	14.3
	6	20	4.4	3009	4.8
	Not Reported	24	5.3	1525	2.4
Recipient Age	0-17	32	7.0	3951	6.3
	18-35	140	30.8	20414	32.6
	36-45	97	21.3	16397	26.2
	46-60	151	33.2	17170	27.4
	61+	35	7.7	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	193	42.4	41213	65.9
	Black	136	29.9	12675	20.3
	Hispanic	106	23.3	5632	9.0
	Asian	18	4.0	1740	2.8
	Other	2	0.4	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	184	40.4	25078	40.1
	Male	271	59.6	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	451	99.1	59783	95.5
	Kidney and Pancreas	4	0.9	2789	4.5
Previous Kidney Transplant	No	384	84.4	54138	86.5
	Yes	70	15.4	8247	13.2
	Not Reported	1	0.2	187	0.3
Pretransplant Transfusions	0	71	15.6	19677	31.4
	1-5	255	56.0	23207	37.1
	6-10	51	11.2	5736	9.2
	11+	77	16.9	5280	8.4
	Not Reported	1	0.2	8672	13.9
Peak PRA Prior to Transplant	0	0	0.0	20469	32.7
	1- 19	131	28.8	26645	42.6
	20- 79	225	49.5	9976	15.9
	80-100	98	21.5	4277	6.8
	Not Reported	1	0.2	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	106	23.3	11726	18.7
	21-25	194	42.6	23821	38.1
	26-30	117	25.7	12454	19.9
	31+	38	8.4	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	188	41.3	16923	27.0
	Cystic/Congenital	43	9.5	7349	11.7
	Systemic	82	18.0	11759	18.8
	Tubulointerstitial	22	4.8	4233	6.8
	Diabetes	56	12.3	14059	22.5
	Other Diagnosis	53	11.6	5271	8.4
	Not Reported	11	2.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	454	99.8	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	0.2	906	1.4
Year of Transplant	1988	73	16.0	9021	14.4
	1989	80	17.6	8951	14.3
	1990	69	15.2	9819	15.7
	1991	72	15.8	10077	16.1
	1992	77	16.9	10157	16.2
	1993-1994	84	18.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	82	18.0	5716	9.1
	No	155	34.1	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	89	19.6	7249	11.6
	N/A*: No	128	28.1	21509	34.4
	N/A*: Not Reported	1	0.2	621	1.0
Rejection in First 6 Months After Transplant*	Yes	126	27.7	13559	21.7
	No	111	24.4	19634	31.4
	N/A*: Yes	150	33.0	12277	19.6
	N/A*: No	68	14.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Response From: Montefiore Medical Center
111 East 210th Street, Bronx, NY 10467
Provider Number 330059 (NYMA)

May 7, 1997

The Transplant program at Montefiore Medical Center has been in existence for thirty years. Over fifteen hundred transplants have been done during the entire period. Our commitment has always been to maximize patient survival, using the least amount of immunosuppression compatible with graft survival. It is our philosophy that aggressive immunosuppression to increase graft survival is not desirable, if the consequences must be an increase in mortality. We are proud that our patient survival one year after transplantation continues to be excellent. While we strive to sustain this effort, we recognize that this may not be an attainable goal: our population is of increasing age and complexity, many with disorders of other systems, such as the heart and liver.

The patient population which we must serve is a difficult one: nearly 50% of our recipients were sensitized, 40% over the age of 46, and 30% were black. 25% have a high body mass index, and the percentage of patients needing dialysis in the first week was twice the national average. Most of these factors have been shown to adversely affect graft survival. Donor factors such as donor race, and prolonged preservation times were also negative attributes. Our pooled graft survival rate of 75.3% one year after transplantation, while it falls short of expectation, is a reasonable one for our patient population, particularly coupled with the high patient survival rate. Our own data suggest that when poor risk patients are censored from the calculations, our results are comparable to the national norms.

With increasing choices in immunosuppressive agents, we believe that it should now be possible to improve graft survival rates, even in our population, while maintaining high patient survival rates. This is the focus of our efforts, and our recent experiences encourage us to believe that we will be successful in this endeavor.

Vivian Tellis, M.D.
Director, Transplant Program



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Mount Sinai Medical Center - New York NY
Provider Number 330024 (NYMS)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	166	84.2	88.3	94	91.5	90.8	260	257	34	86.9	89.2	-2.4	0.21
1 Year	166	79.5	83.2	94	89.2	86.3	260	248	43	83.1	84.3	-1.2	0.58
Cond. ³ 3 Years	122	94.8	90.5				122	108	6	94.8	90.5	4.2	0.11
3 Years ³		75.4	75.3										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	160	96.1	97.8	92	98.9	98.1	248	240.0	7.0	97.1	97.9	-0.8	0.35
1 Year	160	94.6	95.4	92	97.7	95.9	248	225.2	10.0	95.7	95.6	0.1	0.93
Cond. ³ 3 Years	135	96.0	95.6				135	119.0	5.0	96.0	95.6	0.4	0.84
3 Years ³		90.8	91.2										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Mount Sinai Medical Center - New York NY
Provider Number 330024 (NYMS)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		260	100.0	62572	100.0
Donor Type	Living	108	41.5	14525	23.2
	Cadaveric: Stroke	49	18.8	15624	25.0
	Cadaveric: MVA	30	11.5	13317	21.3
	Cadaveric: Other	73	28.1	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	42	16.2	10738	17.2
	18-30	78	30.0	19464	31.1
	31-45	71	27.3	18538	29.6
	46-60	61	23.5	11397	18.2
	61+	8	3.1	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	121	46.5	49654	79.4
	Black	45	17.3	6469	10.3
	Hispanic	84	32.3	4943	7.9
	Asian	6	2.3	801	1.3
	Other	4	1.5	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	106	40.8	25808	41.2
	Male	154	59.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	108	41.5	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	2	0.8	5889	9.4
	Cadaveric: 12-21	39	15.0	16112	25.7
	Cadaveric: 22-31	79	30.4	14287	22.8
	Cadaveric: 32-41	27	10.4	7669	12.3
	Cadaveric: 42+	5	1.9	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	31	11.9	5935	9.5
	1	17	6.5	3484	5.6
	2	48	18.5	9648	15.4
	3	57	21.9	16005	25.6
	4	56	21.5	14003	22.4
	5	35	13.5	8963	14.3
	6	14	5.4	3009	4.8
	Not Reported	2	0.8	1525	2.4
Recipient Age	0-17	30	11.5	3951	6.3
	18-35	89	34.2	20414	32.6
	36-45	61	23.5	16397	26.2
	46-60	70	26.9	17170	27.4
	61+	10	3.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	117	45.0	41213	65.9
	Black	47	18.1	12675	20.3
	Hispanic	79	30.4	5632	9.0
	Asian	8	3.1	1740	2.8
	Other	9	3.5	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	122	46.9	25078	40.1
	Male	138	53.1	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	260	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	225	86.5	54138	86.5
	Yes	35	13.5	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	152	58.5	19677	31.4
	1-5	78	30.0	23207	37.1
	6-10	16	6.2	5736	9.2
	11+	6	2.3	5280	8.4
	Not Reported	8	3.1	8672	13.9
Peak PRA Prior to Transplant	0	39	15.0	20469	32.7
	1- 19	135	51.9	26645	42.6
	20- 79	71	27.3	9976	15.9
	80-100	15	5.8	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	18	6.9	11726	18.7
	21-25	18	6.9	23821	38.1
	26-30	23	8.8	12454	19.9
	31+	5	1.9	5762	9.2
	Not Reported	196	75.4	8809	14.1
Primary Kidney Disease	Glomerular	69	26.5	16923	27.0
	Cystic/Congenital	33	12.7	7349	11.7
	Systemic	71	27.3	11759	18.8
	Tubulointerstitial	16	6.2	4233	6.8
	Diabetes	30	11.5	14059	22.5
	Other Diagnosis	21	8.1	5271	8.4
	Not Reported	20	7.7	2978	4.8
Recipient Description at Transplant	Not Hospitalized	258	99.2	59280	94.7
	Hospitalized	2	0.8	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	39	15.0	9021	14.4
	1989	37	14.2	8951	14.3
	1990	30	11.5	9819	15.7
	1991	47	18.1	10077	16.1
	1992	48	18.5	10157	16.2
	1993-1994	59	22.7	14547	23.2
Dialysis in First Week After Transplant*	Yes	24	9.2	5716	9.1
	No	96	36.9	26528	42.4
	Not Reported	2	0.8	949	1.5
	N/A*: Yes	46	17.7	7249	11.6
	N/A*: No	91	35.0	21509	34.4
	N/A*: Not Reported	1	0.4	621	1.0
Rejection in First 6 Months After Transplant*	Yes	100	38.5	13559	21.7
	No	22	8.5	19634	31.4
	N/A*: Yes	88	33.8	12277	19.6
	N/A*: No	50	19.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Mount Sinai Medical Center
One Gustave L. Levy Place, New York, NY 10029
Provider Number 330024 (NYMS)**

May 7, 1997

The Mount Sinai Medical Center of New York is pleased that the UNOS survival statistics reflect that our kidney program has continued to demonstrate a commitment and high quality patient care, especially among complex, high risk patients.

Even when our most recent statistics for graft and patient survival are adjusted for the complexities of our recipient population, we are at or above the national expectations; this despite the fact that transplants in our minority population exceeded 50 percent compared to a national average of 33.3 percent. We have also performed a high proportion of our transplants in children and older recipients. Both these population are considered high risk, adding to the complexity of the Mount Sinai patient profiles.

We feel that our excellent results reflect a multi disciplinary approach, with careful pre-transplants, preparative, and post-transplant follow up with a long established cooperation between our medical, surgical, nursing and consultative staff.

Lewis Burrows, MD
Director, Kidney Transplantation

A handwritten signature in cursive script, appearing to read "Lewis Burrows".

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for New York Hospital - New York NY
Provider Number 330101 (NYNY)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	219	81.3	88.1	137	86.1	90.8	356	356	60	83.1	89.1	-6.0	<0.01*
1 Year	219	77.2	83.1	137	80.9	85.8	356	355	76	78.6	84.1	-5.5	<0.01*
Cond. ³ 3 Years	169	92.2	91.9				169	163	13	92.2	91.9	0.3	0.88
3 Years ³		71.1	76.3										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	216	95.7	97.3	137	97.0	97.9	350	344.3	13.0	96.2	97.5	-1.3	0.13
1 Year	216	92.4	94.6	137	94.8	95.1	350	342.3	23.0	93.3	94.8	-1.5	0.21
Cond. ³ 3 Years	198	97.2	95.2				198	192.0	5.5	97.2	95.2	1.9	0.20
3 Years ³		89.7	90.1										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

New York Hospital - New York NY
Provider Number 330101 (NYNY)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		356	100.0	62572	100.0
Donor Type	Living	129	36.2	14525	23.2
	Cadaveric: Stroke	76	21.3	15624	25.0
	Cadaveric: MVA	47	13.2	13317	21.3
	Cadaveric: Other	104	29.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	40	11.2	10738	17.2
	18-30	106	29.8	19464	31.1
	31-45	103	28.9	18538	29.6
	46-60	80	22.5	11397	18.2
	61+	27	7.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	198	55.6	49654	79.4
	Black	55	15.4	6469	10.3
	Hispanic	75	21.1	4943	7.9
	Asian	20	5.6	801	1.3
	Other	8	2.2	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	152	42.7	25808	41.2
	Male	204	57.3	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	128	36.0	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	0.3	551	0.9
	Cadaveric: 0-11	5	1.4	5889	9.4
	Cadaveric: 12-21	40	11.2	16112	25.7
	Cadaveric: 22-31	103	28.9	14287	22.8
	Cadaveric: 32-41	60	16.9	7669	12.3
	Cadaveric: 42+	19	5.3	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	41	11.5	5935	9.5
	1	21	5.9	3484	5.6
	2	63	17.7	9648	15.4
	3	99	27.8	16005	25.6
	4	68	19.1	14003	22.4
	5	47	13.2	8963	14.3
	6	15	4.2	3009	4.8
	Not Reported	2	0.6	1525	2.4
Recipient Age	0-17	19	5.3	3951	6.3
	18-35	105	29.5	20414	32.6
	36-45	104	29.2	16397	26.2
	46-60	105	29.5	17170	27.4
	61+	23	6.5	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	201	56.5	41213	65.9
	Black	47	13.2	12675	20.3
	Hispanic	61	17.1	5632	9.0
	Asian	41	11.5	1740	2.8
	Other	6	1.7	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	154	43.3	25078	40.1
	Male	202	56.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	356	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	307	86.2	54138	86.5
	Yes	49	13.8	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	88	24.7	19677	31.4
	1-5	170	47.8	23207	37.1
	6-10	55	15.4	5736	9.2
	11+	42	11.8	5280	8.4
	Not Reported	1	0.3	8672	13.9
Peak PRA Prior to Transplant	0	21	5.9	20469	32.7
	1- 19	172	48.3	26645	42.6
	20- 79	141	39.6	9976	15.9
	80-100	22	6.2	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	74	20.8	11726	18.7
	21-25	123	34.6	23821	38.1
	26-30	55	15.4	12454	19.9
	31+	29	8.1	5762	9.2
	Not Reported	75	21.1	8809	14.1
Primary Kidney Disease	Glomerular	120	33.7	16923	27.0
	Cystic/Congenital	40	11.2	7349	11.7
	Systemic	57	16.0	11759	18.8
	Tubulointerstitial	21	5.9	4233	6.8
	Diabetes	51	14.3	14059	22.5
	Other Diagnosis	42	11.8	5271	8.4
	Not Reported	25	7.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	356	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	41	11.5	9021	14.4
	1989	55	15.4	8951	14.3
	1990	58	16.3	9819	15.7
	1991	51	14.3	10077	16.1
	1992	53	14.9	10157	16.2
	1993-1994	98	27.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	61	17.1	5716	9.1
	No	107	30.1	26528	42.4
	Not Reported	1	0.3	949	1.5
	N/A*: Yes	87	24.4	7249	11.6
	N/A*: No	99	27.8	21509	34.4
	N/A*: Not Reported	1	0.3	621	1.0
Rejection in First 6 Months After Transplant*	Yes	81	22.8	13559	21.7
	No	88	24.7	19634	31.4
	N/A*: Yes	115	32.3	12277	19.6
	N/A*: No	72	20.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University Hospital of SUNY - Stony Brook NY
Provider Number 330393 (NYSB)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	131	84.8	88.7	60	84.4	91.0	191	180	28	84.7	89.4	-4.7	0.03*
1 Year	131	79.8	83.3	60	76.7	85.6	191	177	38	78.8	84.1	-5.2	0.05
Cond. ³ 3 Years	96	94.5	90.8				96	87	5	94.5	90.8	3.8	0.21
3 Years ³		75.4	75.7										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	130	95.8	97.0	60	94.7	97.4	190	171.5	8.0	95.5	97.1	-1.6	0.19
1 Year	130	94.9	94.2	60	88.8	94.3	190	167.0	12.0	93.0	94.2	-1.3	0.48
Cond. ³ 3 Years	109	94.0	94.7				109	94.5	6.0	94.0	94.7	-0.6	0.79
3 Years ³		89.2	89.2										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University Hospital of SUNY - Stony Brook NY
Provider Number 330393 (NYSB)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		191	100.0	62572	100.0
Donor Type	Living	7	3.7	14525	23.2
	Cadaveric: Stroke	58	30.4	15624	25.0
	Cadaveric: MVA	70	36.6	13317	21.3
	Cadaveric: Other	56	29.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	30	15.7	10738	17.2
	18-30	86	45.0	19464	31.1
	31-45	46	24.1	18538	29.6
	46-60	26	13.6	11397	18.2
	61+	3	1.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	157	82.2	49654	79.4
	Black	19	9.9	6469	10.3
	Hispanic	11	5.8	4943	7.9
	Asian	1	0.5	801	1.3
	Other	3	1.6	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	68	35.6	25808	41.2
	Male	123	64.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	6	3.1	10970	17.5
	Living: 3-5	1	0.5	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	6	3.1	5889	9.4
	Cadaveric: 12-21	103	53.9	16112	25.7
	Cadaveric: 22-31	75	39.3	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	9	4.7	5935	9.5
	1	3	1.6	3484	5.6
	2	18	9.4	9648	15.4
	3	74	38.7	16005	25.6
	4	67	35.1	14003	22.4
	5	19	9.9	8963	14.3
	6	1	0.5	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	4	2.1	3951	6.3
	18-35	65	34.0	20414	32.6
	36-45	34	17.8	16397	26.2
	46-60	73	38.2	17170	27.4
	61+	15	7.9	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	131	68.6	41213	65.9
	Black	35	18.3	12675	20.3
	Hispanic	11	5.8	5632	9.0
	Asian	11	5.8	1740	2.8
	Other	3	1.6	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	71	37.2	25078	40.1
	Male	120	62.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	191	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	172	90.1	54138	86.5
	Yes	15	7.9	8247	13.2
	Not Reported	4	2.1	187	0.3
Pretransplant Transfusions	0	82	42.9	19677	31.4
	1-5	79	41.4	23207	37.1
	6-10	24	12.6	5736	9.2
	11+	4	2.1	5280	8.4
	Not Reported	2	1.0	8672	13.9
Peak PRA Prior to Transplant	0	79	41.4	20469	32.7
	1- 19	69	36.1	26645	42.6
	20- 79	20	10.5	9976	15.9
	80-100	5	2.6	4277	6.8
	Not Reported	18	9.4	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	35	18.3	11726	18.7
	21-25	96	50.3	23821	38.1
	26-30	44	23.0	12454	19.9
	31+	9	4.7	5762	9.2
	Not Reported	7	3.7	8809	14.1
Primary Kidney Disease	Glomerular	38	19.9	16923	27.0
	Cystic/Congenital	32	16.8	7349	11.7
	Systemic	53	27.7	11759	18.8
	Tubulointerstitial	13	6.8	4233	6.8
	Diabetes	22	11.5	14059	22.5
	Other Diagnosis	15	7.9	5271	8.4
	Not Reported	18	9.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	186	97.4	59280	94.7
	Hospitalized	1	0.5	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	4	2.1	906	1.4
Year of Transplant	1988	47	24.6	9021	14.4
	1989	19	9.9	8951	14.3
	1990	31	16.2	9819	15.7
	1991	21	11.0	10077	16.1
	1992	32	16.8	10157	16.2
	1993-1994	41	21.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	19	9.9	5716	9.1
	No	77	40.3	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	16	8.4	7249	11.6
	N/A*: No	78	40.8	21509	34.4
	N/A*: Not Reported	1	0.5	621	1.0
Rejection in First 6 Months After Transplant*	Yes	6	3.1	13559	21.7
	No	90	47.1	19634	31.4
	N/A*: Yes	34	17.8	12277	19.6
	N/A*: No	61	31.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for St Luke's-Roosevelt Hospital Center - New York NY
Provider Number 330046 (NYSL)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	68	89.7	88.2	26	80.8	88.2	94	94	12	87.2	88.2	-0.9	0.77
1 Year	68	88.2	82.4	26	80.8	82.7	94	94	13	86.2	82.5	3.7	0.33
Cond. ³ 3 Years	60	93.1	89.7				60	56	4	93.1	89.7	3.4	0.39
3 Years ³		82.1	73.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	68	95.6	97.2	26	91.8	96.9	94	92.0	5.0	94.6	97.1	-2.5	0.15
1 Year	68	94.1	94.6	26	91.7	93.8	94	92.0	6.0	93.5	94.4	-0.9	0.70
Cond. ³ 3 Years	64	96.8	95.2				64	60.0	2.0	96.8	95.2	1.5	0.56
3 Years ³		91.1	90.0										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

St Luke's-Roosevelt Hospital Center - New York NY
Provider Number 330046 (NYSL)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		94	100.0	62572	100.0
Donor Type	Living	23	24.5	14525	23.2
	Cadaveric: Stroke	20	21.3	15624	25.0
	Cadaveric: MVA	17	18.1	13317	21.3
	Cadaveric: Other	34	36.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	10	10.6	10738	17.2
	18-30	36	38.3	19464	31.1
	31-45	36	38.3	18538	29.6
	46-60	11	11.7	11397	18.2
	61+	1	1.1	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	46	48.9	49654	79.4
	Black	18	19.1	6469	10.3
	Hispanic	27	28.7	4943	7.9
	Asian	1	1.1	801	1.3
	Other	2	2.1	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	37	39.4	25808	41.2
	Male	57	60.6	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	17	18.1	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	5	5.3	5889	9.4
	Cadaveric: 12-21	19	20.2	16112	25.7
	Cadaveric: 22-31	32	34.0	14287	22.8
	Cadaveric: 32-41	7	7.4	7669	12.3
	Cadaveric: 42+	7	7.4	2519	4.0
	Not Reported	7	7.4	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	8	8.5	5935	9.5
	1	4	4.3	3484	5.6
	2	13	13.8	9648	15.4
	3	21	22.3	16005	25.6
	4	22	23.4	14003	22.4
	5	20	21.3	8963	14.3
	6	5	5.3	3009	4.8
	Not Reported	1	1.1	1525	2.4
Recipient Age	0-17	2	2.1	3951	6.3
	18-35	21	22.3	20414	32.6
	36-45	24	25.5	16397	26.2
	46-60	40	42.6	17170	27.4
	61+	7	7.4	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	31	33.0	41213	65.9
	Black	34	36.2	12675	20.3
	Hispanic	25	26.6	5632	9.0
	Asian	2	2.1	1740	2.8
	Other	2	2.1	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	37	39.4	25078	40.1
	Male	57	60.6	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	94	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	85	90.4	54138	86.5
	Yes	9	9.6	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	20	21.3	19677	31.4
	1-5	42	44.7	23207	37.1
	6-10	3	3.2	5736	9.2
	11+	4	4.3	5280	8.4
	Not Reported	25	26.6	8672	13.9
Peak PRA Prior to Transplant	0	7	7.4	20469	32.7
	1- 19	52	55.3	26645	42.6
	20- 79	24	25.5	9976	15.9
	80-100	11	11.7	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	14	14.9	11726	18.7
	21-25	50	53.2	23821	38.1
	26-30	24	25.5	12454	19.9
	31+	3	3.2	5762	9.2
	Not Reported	3	3.2	8809	14.1
Primary Kidney Disease	Glomerular	57	60.6	16923	27.0
	Cystic/Congenital	9	9.6	7349	11.7
	Systemic	9	9.6	11759	18.8
	Tubulointerstitial	5	5.3	4233	6.8
	Diabetes	7	7.4	14059	22.5
	Other Diagnosis	0	0.0	5271	8.4
	Not Reported	7	7.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	91	96.8	59280	94.7
	Hospitalized	1	1.1	1917	3.1
	ICU/Life Support	1	1.1	469	0.7
	Not Reported	1	1.1	906	1.4
Year of Transplant	1988	27	28.7	9021	14.4
	1989	13	13.8	8951	14.3
	1990	14	14.9	9819	15.7
	1991	12	12.8	10077	16.1
	1992	9	9.6	10157	16.2
	1993-1994	19	20.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	13	13.8	5716	9.1
	No	46	48.9	26528	42.4
	Not Reported	1	1.1	949	1.5
	N/A*: Yes	10	10.6	7249	11.6
	N/A*: No	24	25.5	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	29	30.9	13559	21.7
	No	31	33.0	19634	31.4
	N/A*: Yes	17	18.1	12277	19.6
	N/A*: No	17	18.1	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for New York University Medical Center - New York NY
Provider Number 330214 (NYUC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	24	91.7	88.2	22	90.9	89.9	46	46	4	91.3	89.0	2.3	0.61
1 Year	24	91.7	82.6	22	81.8	84.7	46	46	6	87.0	83.6	3.4	0.53
Cond. ³ 3 Years	22	90.5	90.2				22	21	2	90.5	90.2	0.3	0.96
3 Years ³		82.9	74.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	24	95.7	96.6	21	100.0	97.5	45	44.5	1.0	97.8	97.0	0.7	0.77
1 Year	24	91.5	93.1	21	95.2	94.4	45	44.5	3.0	93.3	93.7	-0.4	0.90
Cond. ³ 3 Years	22	95.3	93.8				22	21.5	1.0	95.3	93.8	1.6	0.76
3 Years ³		87.2	87.4										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

New York University Medical Center - New York NY
Provider Number 330214 (NYUC)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		46	100.0	62572	100.0
Donor Type	Living	5	10.9	14525	23.2
	Cadaveric: Stroke	14	30.4	15624	25.0
	Cadaveric: MVA	8	17.4	13317	21.3
	Cadaveric: Other	19	41.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	3	6.5	10738	17.2
	18-30	18	39.1	19464	31.1
	31-45	14	30.4	18538	29.6
	46-60	9	19.6	11397	18.2
	61+	2	4.3	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	19	41.3	49654	79.4
	Black	7	15.2	6469	10.3
	Hispanic	17	37.0	4943	7.9
	Asian	1	2.2	801	1.3
	Other	2	4.3	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	17	37.0	25808	41.2
	Male	29	63.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	4	8.7	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	2.2	551	0.9
	Cadaveric: 0-11	2	4.3	5889	9.4
	Cadaveric: 12-21	14	30.4	16112	25.7
	Cadaveric: 22-31	19	41.3	14287	22.8
	Cadaveric: 32-41	6	13.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	4	8.7	5935	9.5
	1	1	2.2	3484	5.6
	2	7	15.2	9648	15.4
	3	12	26.1	16005	25.6
	4	11	23.9	14003	22.4
	5	9	19.6	8963	14.3
	6	2	4.3	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	6	13.0	20414	32.6
	36-45	15	32.6	16397	26.2
	46-60	24	52.2	17170	27.4
	61+	1	2.2	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	22	47.8	41213	65.9
	Black	8	17.4	12675	20.3
	Hispanic	6	13.0	5632	9.0
	Asian	9	19.6	1740	2.8
	Other	1	2.2	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	21	45.7	25078	40.1
	Male	25	54.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	45	97.8	59783	95.5
	Kidney and Pancreas	1	2.2	2789	4.5
Previous Kidney Transplant	No	42	91.3	54138	86.5
	Yes	4	8.7	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	20	43.5	19677	31.4
	1-5	12	26.1	23207	37.1
	6-10	1	2.2	5736	9.2
	11+	2	4.3	5280	8.4
	Not Reported	11	23.9	8672	13.9
Peak PRA Prior to Transplant	0	6	13.0	20469	32.7
	1- 19	27	58.7	26645	42.6
	20- 79	10	21.7	9976	15.9
	80-100	3	6.5	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	16	34.8	11726	18.7
	21-25	13	28.3	23821	38.1
	26-30	11	23.9	12454	19.9
	31+	6	13.0	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	20	43.5	16923	27.0
	Cystic/Congenital	1	2.2	7349	11.7
	Systemic	7	15.2	11759	18.8
	Tubulointerstitial	1	2.2	4233	6.8
	Diabetes	10	21.7	14059	22.5
	Other Diagnosis	4	8.7	5271	8.4
	Not Reported	3	6.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	39	84.8	59280	94.7
	Hospitalized	7	15.2	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	9	19.6	8951	14.3
	1990	7	15.2	9819	15.7
	1991	4	8.7	10077	16.1
	1992	9	19.6	10157	16.2
	1993-1994	17	37.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	6	13.0	5716	9.1
	No	16	34.8	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	6	13.0	7249	11.6
	N/A*: No	18	39.1	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	6	13.0	13559	21.7
	No	16	34.8	19634	31.4
	N/A*: Yes	10	21.7	12277	19.6
	N/A*: No	14	30.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University Hospital - SUNY Health Science Center - Syracuse NY
Provider Number 330241 (NYUM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	123	84.6	87.8	55	96.4	91.6	178	177	21	88.2	89.0	-0.8	0.73
1 Year	123	80.5	82.8	55	79.6	87.6	178	175	35	80.2	84.3	-4.1	0.13
Cond. ³ 3 Years	99	92.8	92.0				99	95	7	92.8	92.0	0.8	0.77
3 Years ³		74.7	76.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	122	94.9	97.4	55	98.1	98.0	173	169.5	7.0	95.9	97.6	-1.7	0.16
1 Year	122	89.7	94.9	55	90.0	95.7	173	162.0	17.0	89.8	95.1	-5.3	<0.01*
Cond. ³ 3 Years	105	99.0	95.5				105	99.0	1.0	99.0	95.5	3.5	0.08
3 Years ³		88.8	90.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University Hospital - SUNY Health Science Center - Syracuse NY
Provider Number 330241 (NYUM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		178	100.0	62572	100.0
Donor Type	Living	55	30.9	14525	23.2
	Cadaveric: Stroke	46	25.8	15624	25.0
	Cadaveric: MVA	35	19.7	13317	21.3
	Cadaveric: Other	42	23.6	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	28	15.7	10738	17.2
	18-30	59	33.1	19464	31.1
	31-45	64	36.0	18538	29.6
	46-60	25	14.0	11397	18.2
	61+	2	1.1	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	172	96.6	49654	79.4
	Black	4	2.2	6469	10.3
	Hispanic	2	1.1	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	81	45.5	25808	41.2
	Male	97	54.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	55	30.9	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	8	4.5	5889	9.4
	Cadaveric: 12-21	44	24.7	16112	25.7
	Cadaveric: 22-31	44	24.7	14287	22.8
	Cadaveric: 32-41	21	11.8	7669	12.3
	Cadaveric: 42+	6	3.4	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	11	6.2	5935	9.5
	1	12	6.7	3484	5.6
	2	33	18.5	9648	15.4
	3	44	24.7	16005	25.6
	4	40	22.5	14003	22.4
	5	32	18.0	8963	14.3
	6	6	3.4	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	25	14.0	3951	6.3
	18-35	63	35.4	20414	32.6
	36-45	43	24.2	16397	26.2
	46-60	39	21.9	17170	27.4
	61+	8	4.5	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	157	88.2	41213	65.9
	Black	15	8.4	12675	20.3
	Hispanic	1	0.6	5632	9.0
	Asian	2	1.1	1740	2.8
	Other	3	1.7	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	69	38.8	25078	40.1
	Male	109	61.2	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	178	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	154	86.5	54138	86.5
	Yes	24	13.5	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	71	39.9	19677	31.4
	1-5	41	23.0	23207	37.1
	6-10	29	16.3	5736	9.2
	11+	37	20.8	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	100	56.2	20469	32.7
	1- 19	44	24.7	26645	42.6
	20- 79	25	14.0	9976	15.9
	80-100	9	5.1	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	40	22.5	11726	18.7
	21-25	72	40.4	23821	38.1
	26-30	38	21.3	12454	19.9
	31+	28	15.7	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	53	29.8	16923	27.0
	Cystic/Congenital	25	14.0	7349	11.7
	Systemic	23	12.9	11759	18.8
	Tubulointerstitial	17	9.6	4233	6.8
	Diabetes	37	20.8	14059	22.5
	Other Diagnosis	19	10.7	5271	8.4
	Not Reported	4	2.2	2978	4.8
Recipient Description at Transplant	Not Hospitalized	178	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	32	18.0	9021	14.4
	1989	23	12.9	8951	14.3
	1990	27	15.2	9819	15.7
	1991	35	19.7	10077	16.1
	1992	26	14.6	10157	16.2
	1993-1994	35	19.7	14547	23.2
Dialysis in First Week After Transplant*	Yes	4	2.2	5716	9.1
	No	94	52.8	26528	42.4
	Not Reported	1	0.6	949	1.5
	N/A*: Yes	10	5.6	7249	11.6
	N/A*: No	69	38.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	39	21.9	13559	21.7
	No	60	33.7	19634	31.4
	N/A*: Yes	44	24.7	12277	19.6
	N/A*: No	35	19.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: University Hospital, SUNY Health Science Center
750 East Adams Street, Syracuse, NY 13210
Provider Number 330241 (NYUM)**

May 8, 1997

The State University of New York Health Science Center's Transplant Program was begun in 1968 and has achieved steady growth since that time. The Transplant Program at Syracuse currently serves over fifteen counties in Central and Northern New York, with a population of over one and a half million people. University Hospital at SUNY HSC endeavors to provide the best in patient care, teaching, and research and is proud of its Transplant Program and the role it plays in these areas.

The current UNOS Center Specific Report of Graft and Patient Survival Rates represents the third such report from UNOS and shows continued improvement in our results. The report includes many modifications in the evaluation of the data compared to the first such report, most specifically attempting to track more patient specific data and its effects on overall graft and patient survival. A co-efficient has been introduced to attempt to estimate the risks and anticipated patient's survival based on the origin of their kidney disease. However, other patient specific factors that have been shown to have an adverse effect on transplant outcomes, such as length of time on dialysis, cardiovascular disease, or end stage access problems, have not yet been analyzed by UNOS in the data collection. Factors such as cause of death unrelated to the transplant (such as traumatic deaths) are not included in the assessment of the center specific risk. In the future, we hope UNOS will also analyze the impact managed care may be having on the ESRD population.

We are pleased that our graft survival is within the "expected" range and that the three year conditional patient survival exceeds the expected range. With its continued growth, the Transplant Program of the SUNY Health Science Center has continued to improve its results, and since 1994, has expanded the therapeutic options for end stage renal disease patients in our area by including the option of pancreas transplantation for those patients with renal failure secondary to diabetes. In 1996, our Pancreas Transplant Program was the largest in our region. For patients with diabetes, pediatric patients, and other high risk ESRD patients, we will continue to provide access to state of the art transplantation as a therapeutic option. This includes, in 1997, introducing islet transplantation at our center.

Elizabeth C. Squiers, MD
Director of the Transplant Program



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Westchester County Medical Center - Valhalla NY
Provider Number 330234 (NYWC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	165	89.1	90.6	186	88.5	90.6	351	341	39	88.8	90.6	-1.8	0.23
1 Year	165	84.3	86.3	186	79.2	85.5	351	275	58	81.7	85.9	-4.2	0.03*
Cond. ³ 3 Years	123	88.0	93.1				123	77	12	88.0	93.1	-5.1	0.04*
3 Years ³		74.2	80.3										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	163	96.8	97.7	184	96.0	97.7	342	321.0	12.0	96.4	97.7	-1.3	0.11
1 Year	163	93.9	95.1	184	92.2	94.7	342	249.8	20.5	93.1	94.9	-1.8	0.15
Cond. ³ 3 Years	132	91.1	95.2				132	81.5	9.5	91.1	95.2	-4.0	0.04*
3 Years ³		85.6	90.5										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Westchester County Medical Center - Valhalla NY
Provider Number 330234 (NYWC)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		351	100.0	62572	100.0
Donor Type	Living	151	43.0	14525	23.2
	Cadaveric: Stroke	68	19.4	15624	25.0
	Cadaveric: MVA	44	12.5	13317	21.3
	Cadaveric: Other	88	25.1	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	40	11.4	10738	17.2
	18-30	93	26.5	19464	31.1
	31-45	120	34.2	18538	29.6
	46-60	77	21.9	11397	18.2
	61+	21	6.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	202	57.5	49654	79.4
	Black	61	17.4	6469	10.3
	Hispanic	68	19.4	4943	7.9
	Asian	10	2.8	801	1.3
	Other	10	2.8	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	138	39.3	25808	41.2
	Male	213	60.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	110	31.3	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	16	4.6	551	0.9
	Cadaveric: 0-11	3	0.9	5889	9.4
	Cadaveric: 12-21	26	7.4	16112	25.7
	Cadaveric: 22-31	89	25.4	14287	22.8
	Cadaveric: 32-41	32	9.1	7669	12.3
	Cadaveric: 42+	27	7.7	2519	4.0
	Not Reported	48	13.7	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	52	14.8	5935	9.5
	1	26	7.4	3484	5.6
	2	79	22.5	9648	15.4
	3	100	28.5	16005	25.6
	4	53	15.1	14003	22.4
	5	26	7.4	8963	14.3
	6	12	3.4	3009	4.8
	Not Reported	3	0.9	1525	2.4
Recipient Age	0-17	34	9.7	3951	6.3
	18-35	87	24.8	20414	32.6
	36-45	98	27.9	16397	26.2
	46-60	101	28.8	17170	27.4
	61+	31	8.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	237	67.5	41213	65.9
	Black	64	18.2	12675	20.3
	Hispanic	16	4.6	5632	9.0
	Asian	15	4.3	1740	2.8
	Other	19	5.4	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	151	43.0	25078	40.1
	Male	200	57.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	351	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	286	81.5	54138	86.5
	Yes	64	18.2	8247	13.2
	Not Reported	1	0.3	187	0.3
Pretransplant Transfusions	0	64	18.2	19677	31.4
	1-5	159	45.3	23207	37.1
	6-10	19	5.4	5736	9.2
	11+	27	7.7	5280	8.4
	Not Reported	82	23.4	8672	13.9
Peak PRA Prior to Transplant	0	149	42.5	20469	32.7
	1- 19	106	30.2	26645	42.6
	20- 79	66	18.8	9976	15.9
	80-100	27	7.7	4277	6.8
	Not Reported	3	0.9	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	88	25.1	11726	18.7
	21-25	132	37.6	23821	38.1
	26-30	67	19.1	12454	19.9
	31+	36	10.3	5762	9.2
	Not Reported	28	8.0	8809	14.1
Primary Kidney Disease	Glomerular	76	21.7	16923	27.0
	Cystic/Congenital	38	10.8	7349	11.7
	Systemic	74	21.1	11759	18.8
	Tubulointerstitial	32	9.1	4233	6.8
	Diabetes	52	14.8	14059	22.5
	Other Diagnosis	50	14.2	5271	8.4
	Not Reported	29	8.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	347	98.9	59280	94.7
	Hospitalized	2	0.6	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	2	0.6	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	13	3.7	8951	14.3
	1990	60	17.1	9819	15.7
	1991	68	19.4	10077	16.1
	1992	82	23.4	10157	16.2
	1993-1994	128	36.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	31	8.8	5716	9.1
	No	90	25.6	26528	42.4
	Not Reported	2	0.6	949	1.5
	N/A*: Yes	47	13.4	7249	11.6
	N/A*: No	177	50.4	21509	34.4
	N/A*: Not Reported	4	1.1	621	1.0
Rejection in First 6 Months After Transplant*	Yes	45	12.8	13559	21.7
	No	78	22.2	19634	31.4
	N/A*: Yes	167	47.6	12277	19.6
	N/A*: No	61	17.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Akron City Hospital - Akron OH
Provider Number 360020 (OHAC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	119	85.7	87.1	55	96.4	90.8	174	174	19	89.1	88.3	0.8	0.73
1 Year	119	79.8	81.5	55	92.7	85.9	174	174	28	83.9	82.9	1.0	0.71
Cond. ³ 3 Years	95	90.2	92.4				95	87	9	90.2	92.4	-2.3	0.40
3 Years ³		72.0	75.3										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	115	97.3	96.7	55	100.0	97.3	165	161.0	3.0	98.1	96.9	1.2	0.36
1 Year	115	95.4	93.6	55	98.0	94.3	165	159.0	6.0	96.3	93.8	2.4	0.19
Cond. ³ 3 Years	108	94.1	94.0				108	96.8	6.0	94.1	94.0	0.1	0.95
3 Years ³		89.8	88.0										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Akron City Hospital - Akron OH
Provider Number 360020 (OHAC)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		174	100.0	62572	100.0
Donor Type	Living	48	27.6	14525	23.2
	Cadaveric: Stroke	50	28.7	15624	25.0
	Cadaveric: MVA	25	14.4	13317	21.3
	Cadaveric: Other	51	29.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	30	17.2	10738	17.2
	18-30	48	27.6	19464	31.1
	31-45	49	28.2	18538	29.6
	46-60	41	23.6	11397	18.2
	61+	6	3.4	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	157	90.2	49654	79.4
	Black	15	8.6	6469	10.3
	Hispanic	2	1.1	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	88	50.6	25808	41.2
	Male	86	49.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	46	26.4	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	0.6	551	0.9
	Cadaveric: 0-11	13	7.5	5889	9.4
	Cadaveric: 12-21	39	22.4	16112	25.7
	Cadaveric: 22-31	44	25.3	14287	22.8
	Cadaveric: 32-41	17	9.8	7669	12.3
	Cadaveric: 42+	4	2.3	2519	4.0
	Not Reported	10	5.7	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	31	17.8	5935	9.5
	1	14	8.0	3484	5.6
	2	39	22.4	9648	15.4
	3	40	23.0	16005	25.6
	4	34	19.5	14003	22.4
	5	16	9.2	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	59	33.9	20414	32.6
	36-45	46	26.4	16397	26.2
	46-60	44	25.3	17170	27.4
	61+	25	14.4	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	141	81.0	41213	65.9
	Black	31	17.8	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	1	0.6	1231	2.0
	Not Reported	1	0.6	81	0.1
Recipient Gender	Female	90	51.7	25078	40.1
	Male	84	48.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	174	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	149	85.6	54138	86.5
	Yes	25	14.4	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	52	29.9	19677	31.4
	1-5	69	39.7	23207	37.1
	6-10	20	11.5	5736	9.2
	11+	22	12.6	5280	8.4
	Not Reported	11	6.3	8672	13.9
Peak PRA Prior to Transplant	0	19	10.9	20469	32.7
	1- 19	96	55.2	26645	42.6
	20- 79	36	20.7	9976	15.9
	80-100	22	12.6	4277	6.8
	Not Reported	1	0.6	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	31	17.8	11726	18.7
	21-25	49	28.2	23821	38.1
	26-30	38	21.8	12454	19.9
	31+	18	10.3	5762	9.2
	Not Reported	38	21.8	8809	14.1
Primary Kidney Disease	Glomerular	43	24.7	16923	27.0
	Cystic/Congenital	26	14.9	7349	11.7
	Systemic	20	11.5	11759	18.8
	Tubulointerstitial	12	6.9	4233	6.8
	Diabetes	42	24.1	14059	22.5
	Other Diagnosis	24	13.8	5271	8.4
	Not Reported	7	4.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	174	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	27	15.5	9021	14.4
	1989	24	13.8	8951	14.3
	1990	30	17.2	9819	15.7
	1991	26	14.9	10077	16.1
	1992	34	19.5	10157	16.2
	1993-1994	33	19.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	21	12.1	5716	9.1
	No	73	42.0	26528	42.4
	Not Reported	1	0.6	949	1.5
	N/A*: Yes	16	9.2	7249	11.6
	N/A*: No	60	34.5	21509	34.4
	N/A*: Not Reported	3	1.7	621	1.0
Rejection in First 6 Months After Transplant*	Yes	39	22.4	13559	21.7
	No	56	32.2	19634	31.4
	N/A*: Yes	32	18.4	12277	19.6
	N/A*: No	47	27.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Children's Hospital Medical Center - Akron OH
Provider Number 363303 (OHCA)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	12	83.3	85.4	4	75.0	94.2	16	16	3	81.3	87.6	-6.3	0.43
1 Year	12	66.7	80.4	4	75.0	91.5	16	16	5	68.8	83.1	-14.4	0.11
Cond. ³ 3 Years	8	87.5	91.7				8	8	1	87.5	91.7	-4.2	0.67
3 Years ³		58.3	73.7										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	11	100.0	98.6	4	100.0	99.4	15	15.0	0.0	100.0	98.8	1.2	0.67
1 Year	11	100.0	97.1	4	100.0	98.4	15	14.0	0.0	100.0	97.4	2.6	0.54
Cond. ³ 3 Years	11	100.0	97.9				11	9.5	0.0	100.0	97.9	2.1	0.64
3 Years ³		100.0	95.1										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Children's Hospital Medical Center - Akron OH
Provider Number 363303 (OHCA)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		16	100.0	62572	100.0
Donor Type	Living	5	31.3	14525	23.2
	Cadaveric: Stroke	1	6.3	15624	25.0
	Cadaveric: MVA	5	31.3	13317	21.3
	Cadaveric: Other	5	31.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	7	43.8	10738	17.2
	18-30	6	37.5	19464	31.1
	31-45	3	18.8	18538	29.6
	46-60	0	0.0	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	13	81.3	49654	79.4
	Black	1	6.3	6469	10.3
	Hispanic	1	6.3	4943	7.9
	Asian	1	6.3	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	7	43.8	25808	41.2
	Male	9	56.3	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	3	18.8	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	2	12.5	5889	9.4
	Cadaveric: 12-21	0	0.0	16112	25.7
	Cadaveric: 22-31	7	43.8	14287	22.8
	Cadaveric: 32-41	2	12.5	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	2	12.5	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	5	31.3	5935	9.5
	1	1	6.3	3484	5.6
	2	3	18.8	9648	15.4
	3	1	6.3	16005	25.6
	4	1	6.3	14003	22.4
	5	5	31.3	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	15	93.8	3951	6.3
	18-35	1	6.3	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	14	87.5	41213	65.9
	Black	0	0.0	12675	20.3
	Hispanic	1	6.3	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	1	6.3	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	5	31.3	25078	40.1
	Male	11	68.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	16	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	12	75.0	54138	86.5
	Yes	4	25.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	5	31.3	19677	31.4
	1-5	3	18.8	23207	37.1
	6-10	0	0.0	5736	9.2
	11+	5	31.3	5280	8.4
	Not Reported	3	18.8	8672	13.9
Peak PRA Prior to Transplant	0	2	12.5	20469	32.7
	1- 19	8	50.0	26645	42.6
	20- 79	4	25.0	9976	15.9
	80-100	1	6.3	4277	6.8
	Not Reported	1	6.3	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	10	62.5	11726	18.7
	21-25	5	31.3	23821	38.1
	26-30	0	0.0	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	1	6.3	8809	14.1
Primary Kidney Disease	Glomerular	2	12.5	16923	27.0
	Cystic/Congenital	7	43.8	7349	11.7
	Systemic	1	6.3	11759	18.8
	Tubulointerstitial	3	18.8	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	1	6.3	5271	8.4
	Not Reported	2	12.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	14	87.5	59280	94.7
	Hospitalized	2	12.5	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	5	31.3	9021	14.4
	1989	0	0.0	8951	14.3
	1990	3	18.8	9819	15.7
	1991	2	12.5	10077	16.1
	1992	2	12.5	10157	16.2
	1993-1994	4	25.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	2	12.5	5716	9.1
	No	6	37.5	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	1	6.3	7249	11.6
	N/A*: No	7	43.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	4	25.0	13559	21.7
	No	4	25.0	19634	31.4
	N/A*: Yes	6	37.5	12277	19.6
	N/A*: No	2	12.5	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Cleveland Clinic Foundation - Cleveland OH
Provider Number 360180 (OHCC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	333	87.7	86.7	127	92.9	91.5	460	460	50	89.1	88.0	1.1	0.44
1 Year	333	84.7	81.1	127	91.3	87.1	460	458	62	86.5	82.8	3.7	0.03*
Cond. ³ 3 Years	280	91.2	91.6				280	263	24	91.2	91.6	-0.4	0.80
3 Years ³		77.2	74.3										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	325	96.6	96.7	127	96.8	98.1	450	446.0	15.0	96.6	97.1	-0.5	0.55
1 Year	325	93.6	93.7	127	95.2	95.8	450	444.0	26.5	94.0	94.3	-0.2	0.83
Cond. ³ 3 Years	303	91.6	93.9				303	292.5	25.0	91.6	93.9	-2.3	0.09
3 Years ³		85.7	87.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Cleveland Clinic Foundation - Cleveland OH
Provider Number 360180 (OHCC)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		460	100.0	62572	100.0
Donor Type	Living	148	32.2	14525	23.2
	Cadaveric: Stroke	122	26.5	15624	25.0
	Cadaveric: MVA	72	15.7	13317	21.3
	Cadaveric: Other	118	25.7	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	63	13.7	10738	17.2
	18-30	141	30.7	19464	31.1
	31-45	130	28.3	18538	29.6
	46-60	101	22.0	11397	18.2
	61+	25	5.4	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	420	91.3	49654	79.4
	Black	23	5.0	6469	10.3
	Hispanic	9	2.0	4943	7.9
	Asian	3	0.7	801	1.3
	Other	5	1.1	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	214	46.5	25808	41.2
	Male	246	53.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	138	30.0	10970	17.5
	Living: 3-5	5	1.1	640	1.0
	Living: 6+	3	0.7	551	0.9
	Cadaveric: 0-11	20	4.3	5889	9.4
	Cadaveric: 12-21	77	16.7	16112	25.7
	Cadaveric: 22-31	106	23.0	14287	22.8
	Cadaveric: 32-41	77	16.7	7669	12.3
	Cadaveric: 42+	32	7.0	2519	4.0
	Not Reported	2	0.4	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	76	16.5	5935	9.5
	1	31	6.7	3484	5.6
	2	77	16.7	9648	15.4
	3	136	29.6	16005	25.6
	4	82	17.8	14003	22.4
	5	45	9.8	8963	14.3
	6	9	2.0	3009	4.8
	Not Reported	4	0.9	1525	2.4
Recipient Age	0-17	27	5.9	3951	6.3
	18-35	153	33.3	20414	32.6
	36-45	129	28.0	16397	26.2
	46-60	121	26.3	17170	27.4
	61+	30	6.5	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	364	79.1	41213	65.9
	Black	66	14.3	12675	20.3
	Hispanic	4	0.9	5632	9.0
	Asian	8	1.7	1740	2.8
	Other	18	3.9	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	185	40.2	25078	40.1
	Male	275	59.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	454	98.7	59783	95.5
	Kidney and Pancreas	6	1.3	2789	4.5
Previous Kidney Transplant	No	374	81.3	54138	86.5
	Yes	86	18.7	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	119	25.9	19677	31.4
	1-5	131	28.5	23207	37.1
	6-10	57	12.4	5736	9.2
	11+	152	33.0	5280	8.4
	Not Reported	1	0.2	8672	13.9
Peak PRA Prior to Transplant	0	45	9.8	20469	32.7
	1- 19	238	51.7	26645	42.6
	20- 79	110	23.9	9976	15.9
	80-100	66	14.3	4277	6.8
	Not Reported	1	0.2	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	78	17.0	11726	18.7
	21-25	189	41.1	23821	38.1
	26-30	84	18.3	12454	19.9
	31+	33	7.2	5762	9.2
	Not Reported	76	16.5	8809	14.1
Primary Kidney Disease	Glomerular	136	29.6	16923	27.0
	Cystic/Congenital	56	12.2	7349	11.7
	Systemic	87	18.9	11759	18.8
	Tubulointerstitial	48	10.4	4233	6.8
	Diabetes	94	20.4	14059	22.5
	Other Diagnosis	24	5.2	5271	8.4
	Not Reported	15	3.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	457	99.3	59280	94.7
	Hospitalized	2	0.4	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	0.2	906	1.4
Year of Transplant	1988	106	23.0	9021	14.4
	1989	65	14.1	8951	14.3
	1990	86	18.7	9819	15.7
	1991	53	11.5	10077	16.1
	1992	71	15.4	10157	16.2
	1993-1994	79	17.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	85	18.5	5716	9.1
	No	194	42.2	26528	42.4
	Not Reported	1	0.2	949	1.5
	N/A*: Yes	52	11.3	7249	11.6
	N/A*: No	128	27.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	150	32.6	13559	21.7
	No	130	28.3	19634	31.4
	N/A*: Yes	57	12.4	12277	19.6
	N/A*: No	123	26.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Children's Hospital - Columbus OH
Provider Number 363305 (OHCH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	15	80.0	90.0	2	100.0	83.0	17	17	3	82.4	89.2	-6.8	0.35
1 Year	15	80.0	86.4	2	100.0	78.5	17	17	3	82.4	85.4	-3.1	0.71
Cond. ³ 3 Years	12	100.0	92.2				12	12	0	100.0	92.2	7.8	0.31
3 Years ³		80.0	79.6										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	14	96.4	98.5	2	100.0	98.7	16	16.0	0.5	96.9	98.5	-1.6	0.58
1 Year	14	92.5	96.6	2	100.0	97.1	16	15.0	1.0	93.5	96.6	-3.2	0.48
Cond. ³ 3 Years	12	100.0	98.4				12	12.0	0.0	100.0	98.4	1.6	0.66
3 Years ³		92.5	95.0										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Children's Hospital - Columbus OH
Provider Number 363305 (OHCH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		17	100.0	62572	100.0
Donor Type	Living	12	70.6	14525	23.2
	Cadaveric: Stroke	0	0.0	15624	25.0
	Cadaveric: MVA	3	17.6	13317	21.3
	Cadaveric: Other	2	11.8	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	4	23.5	10738	17.2
	18-30	4	23.5	19464	31.1
	31-45	9	52.9	18538	29.6
	46-60	0	0.0	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	15	88.2	49654	79.4
	Black	1	5.9	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	1	5.9	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	7	41.2	25808	41.2
	Male	10	58.8	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	10	58.8	10970	17.5
	Living: 3-5	2	11.8	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	0	0.0	5889	9.4
	Cadaveric: 12-21	4	23.5	16112	25.7
	Cadaveric: 22-31	1	5.9	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	1	5.9	5935	9.5
	1	2	11.8	3484	5.6
	2	5	29.4	9648	15.4
	3	1	5.9	16005	25.6
	4	3	17.6	14003	22.4
	5	0	0.0	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	5	29.4	1525	2.4
Recipient Age	0-17	17	100.0	3951	6.3
	18-35	0	0.0	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	17	100.0	41213	65.9
	Black	0	0.0	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	3	17.6	25078	40.1
	Male	14	82.4	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	17	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	14	82.4	54138	86.5
	Yes	3	17.6	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	2	11.8	19677	31.4
	1-5	10	58.8	23207	37.1
	6-10	2	11.8	5736	9.2
	11+	2	11.8	5280	8.4
	Not Reported	1	5.9	8672	13.9
Peak PRA Prior to Transplant	0	4	23.5	20469	32.7
	1- 19	4	23.5	26645	42.6
	20- 79	2	11.8	9976	15.9
	80-100	0	0.0	4277	6.8
	Not Reported	7	41.2	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	15	88.2	11726	18.7
	21-25	2	11.8	23821	38.1
	26-30	0	0.0	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	1	5.9	16923	27.0
	Cystic/Congenital	7	41.2	7349	11.7
	Systemic	1	5.9	11759	18.8
	Tubulointerstitial	4	23.5	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	4	23.5	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	17	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	4	23.5	9021	14.4
	1989	3	17.6	8951	14.3
	1990	3	17.6	9819	15.7
	1991	5	29.4	10077	16.1
	1992	1	5.9	10157	16.2
	1993-1994	1	5.9	14547	23.2
Dialysis in First Week After Transplant*	Yes	1	5.9	5716	9.1
	No	10	58.8	26528	42.4
	Not Reported	1	5.9	949	1.5
	N/A*: Yes	2	11.8	7249	11.6
	N/A*: No	3	17.6	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	9	52.9	13559	21.7
	No	3	17.6	19634	31.4
	N/A*: Yes	3	17.6	12277	19.6
	N/A*: No	2	11.8	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Children's Hospital Medical Center - Cincinnati OH
Provider Number 363300 (OHCM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	39	84.6	84.2	15	86.7	84.8	54	54	8	85.2	84.4	0.8	0.86
1 Year	39	76.9	78.9	15	66.7	79.5	54	54	14	74.1	79.1	-5.0	0.33
Cond. ³ 3 Years	30	83.3	86.3				30	30	5	83.3	86.3	-3.0	0.61
3 Years ³		64.1	68.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	37	94.3	98.1	14	100.0	98.5	48	46.5	2.0	95.7	98.2	-2.5	0.18
1 Year	37	91.4	96.5	14	100.0	96.8	48	46.5	3.0	93.6	96.6	-3.0	0.23
Cond. ³ 3 Years	34	100.0	97.6				34	32.0	0.0	100.0	97.6	2.4	0.37
3 Years ³		91.4	94.2										

- Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.
- ² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.
- ³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.
- ⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.
- ⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Children's Hospital Medical Center - Cincinnati OH
Provider Number 363300 (OHCM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		54	100.0	62572	100.0
Donor Type	Living	22	40.7	14525	23.2
	Cadaveric: Stroke	10	18.5	15624	25.0
	Cadaveric: MVA	10	18.5	13317	21.3
	Cadaveric: Other	12	22.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	7	13.0	10738	17.2
	18-30	20	37.0	19464	31.1
	31-45	18	33.3	18538	29.6
	46-60	7	13.0	11397	18.2
	61+	2	3.7	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	46	85.2	49654	79.4
	Black	7	13.0	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	1	1.9	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	24	44.4	25808	41.2
	Male	30	55.6	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	22	40.7	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	5	9.3	5889	9.4
	Cadaveric: 12-21	14	25.9	16112	25.7
	Cadaveric: 22-31	8	14.8	14287	22.8
	Cadaveric: 32-41	4	7.4	7669	12.3
	Cadaveric: 42+	1	1.9	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	6	11.1	5935	9.5
	1	8	14.8	3484	5.6
	2	8	14.8	9648	15.4
	3	14	25.9	16005	25.6
	4	8	14.8	14003	22.4
	5	7	13.0	8963	14.3
	6	3	5.6	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	47	87.0	3951	6.3
	18-35	7	13.0	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	44	81.5	41213	65.9
	Black	10	18.5	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	19	35.2	25078	40.1
	Male	35	64.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	54	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	39	72.2	54138	86.5
	Yes	15	27.8	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	8	14.8	19677	31.4
	1-5	26	48.1	23207	37.1
	6-10	10	18.5	5736	9.2
	11+	10	18.5	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	17	31.5	20469	32.7
	1- 19	14	25.9	26645	42.6
	20- 79	13	24.1	9976	15.9
	80-100	9	16.7	4277	6.8
	Not Reported	1	1.9	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	34	63.0	11726	18.7
	21-25	14	25.9	23821	38.1
	26-30	6	11.1	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	18	33.3	16923	27.0
	Cystic/Congenital	11	20.4	7349	11.7
	Systemic	4	7.4	11759	18.8
	Tubulointerstitial	14	25.9	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	7	13.0	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	51	94.4	59280	94.7
	Hospitalized	1	1.9	1917	3.1
	ICU/Life Support	2	3.7	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	14	25.9	9021	14.4
	1989	4	7.4	8951	14.3
	1990	10	18.5	9819	15.7
	1991	9	16.7	10077	16.1
	1992	7	13.0	10157	16.2
	1993-1994	10	18.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	2	3.7	5716	9.1
	No	28	51.9	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	4	7.4	7249	11.6
	N/A*: No	20	37.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	10	18.5	13559	21.7
	No	20	37.0	19634	31.4
	N/A*: Yes	12	22.2	12277	19.6
	N/A*: No	12	22.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Medical College Hospitals - Toledo OH
Provider Number 360048 (OHCO)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	176	87.5	86.9	83	86.7	89.5	259	259	33	87.3	87.7	-0.5	0.81
1 Year	176	80.7	81.2	83	80.6	84.4	259	258	50	80.6	82.2	-1.6	0.50
Cond. ³ 3 Years	142	84.6	91.6				142	131	21	84.6	91.6	-7.1	<0.01*
3 Years ³		68.2	74.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	164	96.3	96.6	81	95.6	97.2	241	241.0	9.5	96.1	96.8	-0.8	0.49
1 Year	164	94.4	93.5	81	90.4	94.3	241	240.0	16.5	93.1	93.8	-0.6	0.68
Cond. ³ 3 Years	155	92.6	94.0				155	142.5	11.0	92.6	94.0	-1.3	0.49
3 Years ³		87.5	87.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Medical College Hospitals - Toledo OH
Provider Number 360048 (OHCO)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		259	100.0	62572	100.0
Donor Type	Living	11	4.2	14525	23.2
	Cadaveric: Stroke	68	26.3	15624	25.0
	Cadaveric: MVA	104	40.2	13317	21.3
	Cadaveric: Other	76	29.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	73	28.2	10738	17.2
	18-30	79	30.5	19464	31.1
	31-45	76	29.3	18538	29.6
	46-60	29	11.2	11397	18.2
	61+	2	0.8	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	236	91.1	49654	79.4
	Black	17	6.6	6469	10.3
	Hispanic	3	1.2	4943	7.9
	Asian	0	0.0	801	1.3
	Other	3	1.2	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	112	43.2	25808	41.2
	Male	147	56.8	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	11	4.2	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	10	3.9	5889	9.4
	Cadaveric: 12-21	106	40.9	16112	25.7
	Cadaveric: 22-31	70	27.0	14287	22.8
	Cadaveric: 32-41	56	21.6	7669	12.3
	Cadaveric: 42+	5	1.9	2519	4.0
	Not Reported	1	0.4	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	17	6.6	5935	9.5
	1	10	3.9	3484	5.6
	2	24	9.3	9648	15.4
	3	66	25.5	16005	25.6
	4	64	24.7	14003	22.4
	5	61	23.6	8963	14.3
	6	16	6.2	3009	4.8
	Not Reported	1	0.4	1525	2.4
Recipient Age	0-17	17	6.6	3951	6.3
	18-35	77	29.7	20414	32.6
	36-45	62	23.9	16397	26.2
	46-60	73	28.2	17170	27.4
	61+	30	11.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	205	79.2	41213	65.9
	Black	37	14.3	12675	20.3
	Hispanic	15	5.8	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	2	0.8	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	98	37.8	25078	40.1
	Male	161	62.2	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	259	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	213	82.2	54138	86.5
	Yes	46	17.8	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	95	36.7	19677	31.4
	1-5	84	32.4	23207	37.1
	6-10	36	13.9	5736	9.2
	11+	38	14.7	5280	8.4
	Not Reported	6	2.3	8672	13.9
Peak PRA Prior to Transplant	0	107	41.3	20469	32.7
	1- 19	101	39.0	26645	42.6
	20- 79	37	14.3	9976	15.9
	80-100	14	5.4	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	40	15.4	11726	18.7
	21-25	96	37.1	23821	38.1
	26-30	54	20.8	12454	19.9
	31+	38	14.7	5762	9.2
	Not Reported	31	12.0	8809	14.1
Primary Kidney Disease	Glomerular	58	22.4	16923	27.0
	Cystic/Congenital	42	16.2	7349	11.7
	Systemic	25	9.7	11759	18.8
	Tubulointerstitial	31	12.0	4233	6.8
	Diabetes	69	26.6	14059	22.5
	Other Diagnosis	18	6.9	5271	8.4
	Not Reported	16	6.2	2978	4.8
Recipient Description at Transplant	Not Hospitalized	257	99.2	59280	94.7
	Hospitalized	1	0.4	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	0.4	906	1.4
Year of Transplant	1988	47	18.1	9021	14.4
	1989	37	14.3	8951	14.3
	1990	43	16.6	9819	15.7
	1991	42	16.2	10077	16.1
	1992	32	12.4	10157	16.2
	1993-1994	58	22.4	14547	23.2
Dialysis in First Week After Transplant*	Yes	26	10.0	5716	9.1
	No	114	44.0	26528	42.4
	Not Reported	2	0.8	949	1.5
	N/A*: Yes	40	15.4	7249	11.6
	N/A*: No	77	29.7	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	46	17.8	13559	21.7
	No	96	37.1	19634	31.4
	N/A*: Yes	42	16.2	12277	19.6
	N/A*: No	75	29.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Miami Valley Hospital - Dayton OH
Provider Number 360051 (OHMV)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	99	84.8	88.7	47	100.0	90.2	146	146	15	89.7	89.2	0.5	0.83
1 Year	99	79.8	83.2	47	91.5	85.1	146	146	24	83.6	83.8	-0.3	0.93
Cond. ³ 3 Years	79	87.0	91.6				79	75	10	87.0	91.6	-4.6	0.14
3 Years ³		69.4	76.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	95	97.8	97.0	47	100.0	97.8	140	137.5	2.0	98.5	97.2	1.3	0.35
1 Year	95	94.6	94.2	47	97.8	95.4	140	137.5	6.0	95.6	94.6	1.1	0.58
Cond. ³ 3 Years	90	93.7	94.8				90	85.5	5.5	93.7	94.8	-1.1	0.65
3 Years ³		88.6	89.3										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Miami Valley Hospital - Dayton OH
Provider Number 360051 (OHMV)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		146	100.0	62572	100.0
Donor Type	Living	20	13.7	14525	23.2
	Cadaveric: Stroke	50	34.2	15624	25.0
	Cadaveric: MVA	34	23.3	13317	21.3
	Cadaveric: Other	42	28.8	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	19	13.0	10738	17.2
	18-30	51	34.9	19464	31.1
	31-45	43	29.5	18538	29.6
	46-60	30	20.5	11397	18.2
	61+	3	2.1	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	132	90.4	49654	79.4
	Black	10	6.8	6469	10.3
	Hispanic	3	2.1	4943	7.9
	Asian	0	0.0	801	1.3
	Other	1	0.7	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	55	37.7	25808	41.2
	Male	91	62.3	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	20	13.7	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	30	20.5	5889	9.4
	Cadaveric: 12-21	55	37.7	16112	25.7
	Cadaveric: 22-31	28	19.2	14287	22.8
	Cadaveric: 32-41	12	8.2	7669	12.3
	Cadaveric: 42+	1	0.7	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	11	7.5	5935	9.5
	1	7	4.8	3484	5.6
	2	22	15.1	9648	15.4
	3	38	26.0	16005	25.6
	4	44	30.1	14003	22.4
	5	20	13.7	8963	14.3
	6	1	0.7	3009	4.8
	Not Reported	3	2.1	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	46	31.5	20414	32.6
	36-45	37	25.3	16397	26.2
	46-60	61	41.8	17170	27.4
	61+	2	1.4	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	104	71.2	41213	65.9
	Black	39	26.7	12675	20.3
	Hispanic	1	0.7	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	2	1.4	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	65	44.5	25078	40.1
	Male	81	55.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	146	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	128	87.7	54138	86.5
	Yes	18	12.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	39	26.7	19677	31.4
	1-5	34	23.3	23207	37.1
	6-10	9	6.2	5736	9.2
	11+	11	7.5	5280	8.4
	Not Reported	53	36.3	8672	13.9
Peak PRA Prior to Transplant	0	65	44.5	20469	32.7
	1- 19	60	41.1	26645	42.6
	20- 79	15	10.3	9976	15.9
	80-100	4	2.7	4277	6.8
	Not Reported	2	1.4	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	20	13.7	11726	18.7
	21-25	51	34.9	23821	38.1
	26-30	50	34.2	12454	19.9
	31+	25	17.1	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	57	39.0	16923	27.0
	Cystic/Congenital	24	16.4	7349	11.7
	Systemic	20	13.7	11759	18.8
	Tubulointerstitial	14	9.6	4233	6.8
	Diabetes	26	17.8	14059	22.5
	Other Diagnosis	5	3.4	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	142	97.3	59280	94.7
	Hospitalized	3	2.1	1917	3.1
	ICU/Life Support	1	0.7	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	22	15.1	9021	14.4
	1989	18	12.3	8951	14.3
	1990	23	15.8	9819	15.7
	1991	27	18.5	10077	16.1
	1992	23	15.8	10157	16.2
	1993-1994	33	22.6	14547	23.2
Dialysis in First Week After Transplant*	Yes	14	9.6	5716	9.1
	No	65	44.5	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	31	21.2	7249	11.6
	N/A*: No	36	24.7	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	33	22.6	13559	21.7
	No	46	31.5	19634	31.4
	N/A*: Yes	39	26.7	12277	19.6
	N/A*: No	28	19.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Ohio State University Hospitals - Columbus OH
Provider Number 360085 (OHOU)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	771	90.9	88.3	381	90.6	90.1	1152	1152	106	90.8	88.9	1.9	0.04*
1 Year	771	82.6	82.4	381	83.4	84.5	1152	1147	197	82.9	83.1	-0.2	0.85
Cond. ³ 3 Years	634	93.0	92.0				634	585	43	93.0	92.0	1.0	0.36
3 Years ³		76.8	75.8										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	761	96.2	96.4	379	96.8	96.9	1136	1119.8	41.0	96.4	96.5	-0.2	0.72
1 Year	761	91.7	92.8	379	92.3	93.3	1136	1087.8	89.5	91.9	93.0	-1.0	0.16
Cond. ³ 3 Years	675	91.7	93.5				675	632.0	54.5	91.7	93.5	-1.9	0.05*
3 Years ³		84.1	86.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Ohio State University Hospitals - Columbus OH
Provider Number 360085 (OHOU)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		1152	100.0	62572	100.0
Donor Type	Living	209	18.1	14525	23.2
	Cadaveric: Stroke	328	28.5	15624	25.0
	Cadaveric: MVA	209	18.1	13317	21.3
	Cadaveric: Other	406	35.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	158	13.7	10738	17.2
	18-30	356	30.9	19464	31.1
	31-45	392	34.0	18538	29.6
	46-60	202	17.5	11397	18.2
	61+	44	3.8	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	1016	88.2	49654	79.4
	Black	115	10.0	6469	10.3
	Hispanic	8	0.7	4943	7.9
	Asian	7	0.6	801	1.3
	Other	6	0.5	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	463	40.2	25808	41.2
	Male	689	59.8	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	75	6.5	10970	17.5
	Living: 3-5	5	0.4	640	1.0
	Living: 6+	83	7.2	551	0.9
	Cadaveric: 0-11	210	18.2	5889	9.4
	Cadaveric: 12-21	345	29.9	16112	25.7
	Cadaveric: 22-31	198	17.2	14287	22.8
	Cadaveric: 32-41	114	9.9	7669	12.3
	Cadaveric: 42+	48	4.2	2519	4.0
	Not Reported	74	6.4	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	56	4.9	5935	9.5
	1	30	2.6	3484	5.6
	2	85	7.4	9648	15.4
	3	201	17.4	16005	25.6
	4	291	25.3	14003	22.4
	5	280	24.3	8963	14.3
	6	123	10.7	3009	4.8
	Not Reported	86	7.5	1525	2.4
Recipient Age	0-17	19	1.6	3951	6.3
	18-35	365	31.7	20414	32.6
	36-45	330	28.6	16397	26.2
	46-60	320	27.8	17170	27.4
	61+	118	10.2	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	950	82.5	41213	65.9
	Black	182	15.8	12675	20.3
	Hispanic	1	0.1	5632	9.0
	Asian	8	0.7	1740	2.8
	Other	8	0.7	1231	2.0
	Not Reported	3	0.3	81	0.1
Recipient Gender	Female	480	41.7	25078	40.1
	Male	672	58.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	904	78.5	59783	95.5
	Kidney and Pancreas	248	21.5	2789	4.5
Previous Kidney Transplant	No	1061	92.1	54138	86.5
	Yes	90	7.8	8247	13.2
	Not Reported	1	0.1	187	0.3
Pretransplant Transfusions	0	265	23.0	19677	31.4
	1-5	346	30.0	23207	37.1
	6-10	65	5.6	5736	9.2
	11+	90	7.8	5280	8.4
	Not Reported	386	33.5	8672	13.9
Peak PRA Prior to Transplant	0	391	33.9	20469	32.7
	1- 19	518	45.0	26645	42.6
	20- 79	91	7.9	9976	15.9
	80-100	29	2.5	4277	6.8
	Not Reported	123	10.7	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	204	17.7	11726	18.7
	21-25	489	42.4	23821	38.1
	26-30	281	24.4	12454	19.9
	31+	162	14.1	5762	9.2
	Not Reported	16	1.4	8809	14.1
Primary Kidney Disease	Glomerular	265	23.0	16923	27.0
	Cystic/Congenital	120	10.4	7349	11.7
	Systemic	158	13.7	11759	18.8
	Tubulointerstitial	94	8.2	4233	6.8
	Diabetes	381	33.1	14059	22.5
	Other Diagnosis	98	8.5	5271	8.4
	Not Reported	36	3.1	2978	4.8
Recipient Description at Transplant	Not Hospitalized	1083	94.0	59280	94.7
	Hospitalized	48	4.2	1917	3.1
	ICU/Life Support	9	0.8	469	0.7
	Not Reported	12	1.0	906	1.4
Year of Transplant	1988	128	11.1	9021	14.4
	1989	161	14.0	8951	14.3
	1990	199	17.3	9819	15.7
	1991	213	18.5	10077	16.1
	1992	195	16.9	10157	16.2
	1993-1994	256	22.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	17	1.5	5716	9.1
	No	582	50.5	26528	42.4
	Not Reported	35	3.0	949	1.5
	N/A*: Yes	29	2.5	7249	11.6
	N/A*: No	474	41.1	21509	34.4
	N/A*: Not Reported	15	1.3	621	1.0
Rejection in First 6 Months After Transplant*	Yes	474	41.1	13559	21.7
	No	160	13.9	19634	31.4
	N/A*: Yes	415	36.0	12277	19.6
	N/A*: No	103	8.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for St Elizabeth Hospital Medical Center - Youngstown OH
Provider Number 360064 (OHSE)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	70	84.3	87.5	58	82.8	89.8	128	128	21	83.6	88.5	-5.0	0.07
1 Year	70	82.9	81.4	58	74.1	84.7	128	128	27	78.9	82.9	-4.0	0.22
Cond. ³ 3 Years	58	82.4	89.0				58	55	10	82.4	89.0	-6.6	0.10
3 Years ³		68.2	72.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	68	95.4	97.0	57	93.5	97.3	121	118.3	6.5	94.5	97.2	-2.7	0.08
1 Year	68	95.4	94.1	57	86.0	94.2	121	118.3	10.5	91.1	94.1	-3.0	0.15
Cond. ³ 3 Years	65	93.6	94.6				65	60.3	4.0	93.6	94.6	-1.0	0.70
3 Years ³		89.3	89.0										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

St Elizabeth Hospital Medical Center - Youngstown OH
Provider Number 360064 (OHSE)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		128	100.0	62572	100.0
Donor Type	Living	29	22.7	14525	23.2
	Cadaveric: Stroke	49	38.3	15624	25.0
	Cadaveric: MVA	20	15.6	13317	21.3
	Cadaveric: Other	30	23.4	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	15	11.7	10738	17.2
	18-30	29	22.7	19464	31.1
	31-45	37	28.9	18538	29.6
	46-60	36	28.1	11397	18.2
	61+	11	8.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	119	93.0	49654	79.4
	Black	9	7.0	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	55	43.0	25808	41.2
	Male	73	57.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	26	20.3	10970	17.5
	Living: 3-5	2	1.6	640	1.0
	Living: 6+	1	0.8	551	0.9
	Cadaveric: 0-11	2	1.6	5889	9.4
	Cadaveric: 12-21	16	12.5	16112	25.7
	Cadaveric: 22-31	43	33.6	14287	22.8
	Cadaveric: 32-41	30	23.4	7669	12.3
	Cadaveric: 42+	8	6.3	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	25	19.5	5935	9.5
	1	8	6.3	3484	5.6
	2	22	17.2	9648	15.4
	3	39	30.5	16005	25.6
	4	24	18.8	14003	22.4
	5	6	4.7	8963	14.3
	6	4	3.1	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	46	35.9	20414	32.6
	36-45	32	25.0	16397	26.2
	46-60	32	25.0	17170	27.4
	61+	18	14.1	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	101	78.9	41213	65.9
	Black	24	18.8	12675	20.3
	Hispanic	2	1.6	5632	9.0
	Asian	1	0.8	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	61	47.7	25078	40.1
	Male	67	52.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	128	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	115	89.8	54138	86.5
	Yes	13	10.2	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	25	19.5	19677	31.4
	1-5	55	43.0	23207	37.1
	6-10	23	18.0	5736	9.2
	11+	24	18.8	5280	8.4
	Not Reported	1	0.8	8672	13.9
Peak PRA Prior to Transplant	0	21	16.4	20469	32.7
	1- 19	65	50.8	26645	42.6
	20- 79	28	21.9	9976	15.9
	80-100	14	10.9	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	8	6.3	11726	18.7
	21-25	29	22.7	23821	38.1
	26-30	25	19.5	12454	19.9
	31+	14	10.9	5762	9.2
	Not Reported	52	40.6	8809	14.1
Primary Kidney Disease	Glomerular	25	19.5	16923	27.0
	Cystic/Congenital	22	17.2	7349	11.7
	Systemic	27	21.1	11759	18.8
	Tubulointerstitial	9	7.0	4233	6.8
	Diabetes	32	25.0	14059	22.5
	Other Diagnosis	12	9.4	5271	8.4
	Not Reported	1	0.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	127	99.2	59280	94.7
	Hospitalized	1	0.8	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	4	3.1	9021	14.4
	1989	12	9.4	8951	14.3
	1990	27	21.1	9819	15.7
	1991	17	13.3	10077	16.1
	1992	33	25.8	10157	16.2
	1993-1994	35	27.3	14547	23.2
Dialysis in First Week After Transplant*	Yes	19	14.8	5716	9.1
	No	38	29.7	26528	42.4
	Not Reported	1	0.8	949	1.5
	N/A*: Yes	28	21.9	7249	11.6
	N/A*: No	42	32.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	24	18.8	13559	21.7
	No	34	26.6	19634	31.4
	N/A*: Yes	21	16.4	12277	19.6
	N/A*: No	49	38.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994**Survival Report for Christ Hospital - Cincinnati OH
Provider Number 360163 (OHTC)****Graft Survival**

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	150	87.3	87.3	101	88.0	90.6	251	250	31	87.6	88.6	-1.0	0.60
1 Year	150	82.7	81.8	101	82.0	85.9	251	248	44	82.4	83.4	-1.0	0.65
Cond. ³ 3 Years	124	93.5	90.8				124	121	8	93.5	90.8	2.7	0.28
3 Years ³		77.3	74.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	146	97.9	96.8	98	96.8	97.7	240	239.0	6.0	97.5	97.1	0.3	0.74
1 Year	146	94.4	93.9	98	94.7	95.0	240	236.0	13.0	94.5	94.4	0.2	0.89
Cond. ³ 3 Years	138	97.8	94.3				138	133.0	3.0	97.8	94.3	3.5	0.07
3 Years ³		92.4	88.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Christ Hospital - Cincinnati OH
Provider Number 360163 (OHTC)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		251	100.0	62572	100.0
Donor Type	Living	72	28.7	14525	23.2
	Cadaveric: Stroke	57	22.7	15624	25.0
	Cadaveric: MVA	53	21.1	13317	21.3
	Cadaveric: Other	69	27.5	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	35	13.9	10738	17.2
	18-30	72	28.7	19464	31.1
	31-45	92	36.7	18538	29.6
	46-60	42	16.7	11397	18.2
	61+	10	4.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	221	88.0	49654	79.4
	Black	25	10.0	6469	10.3
	Hispanic	4	1.6	4943	7.9
	Asian	1	0.4	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	106	42.2	25808	41.2
	Male	145	57.8	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	72	28.7	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	31	12.4	5889	9.4
	Cadaveric: 12-21	59	23.5	16112	25.7
	Cadaveric: 22-31	50	19.9	14287	22.8
	Cadaveric: 32-41	26	10.4	7669	12.3
	Cadaveric: 42+	13	5.2	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	29	11.6	5935	9.5
	1	15	6.0	3484	5.6
	2	28	11.2	9648	15.4
	3	61	24.3	16005	25.6
	4	58	23.1	14003	22.4
	5	46	18.3	8963	14.3
	6	14	5.6	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	80	31.9	20414	32.6
	36-45	60	23.9	16397	26.2
	46-60	90	35.9	17170	27.4
	61+	21	8.4	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	191	76.1	41213	65.9
	Black	59	23.5	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	1	0.4	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	104	41.4	25078	40.1
	Male	147	58.6	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	251	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	216	86.1	54138	86.5
	Yes	35	13.9	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	26	10.4	19677	31.4
	1-5	149	59.4	23207	37.1
	6-10	35	13.9	5736	9.2
	11+	41	16.3	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	60	23.9	20469	32.7
	1- 19	107	42.6	26645	42.6
	20- 79	55	21.9	9976	15.9
	80-100	29	11.6	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	27	10.8	11726	18.7
	21-25	110	43.8	23821	38.1
	26-30	66	26.3	12454	19.9
	31+	48	19.1	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	93	37.1	16923	27.0
	Cystic/Congenital	31	12.4	7349	11.7
	Systemic	40	15.9	11759	18.8
	Tubulointerstitial	16	6.4	4233	6.8
	Diabetes	48	19.1	14059	22.5
	Other Diagnosis	17	6.8	5271	8.4
	Not Reported	6	2.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	251	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	36	14.3	9021	14.4
	1989	29	11.6	8951	14.3
	1990	29	11.6	9819	15.7
	1991	45	17.9	10077	16.1
	1992	52	20.7	10157	16.2
	1993-1994	60	23.9	14547	23.2
Dialysis in First Week After Transplant*	Yes	20	8.0	5716	9.1
	No	104	41.4	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	28	11.2	7249	11.6
	N/A*: No	99	39.4	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	60	23.9	13559	21.7
	No	64	25.5	19634	31.4
	N/A*: Yes	77	30.7	12277	19.6
	N/A*: No	50	19.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of Cincinnati Medical Center - Cincinnati OH
Provider Number 360003 (OHUC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	168	86.3	87.5	100	92.0	88.7	268	267	31	88.4	88.0	0.5	0.81
1 Year	168	80.6	81.9	100	84.0	82.4	268	260	48	81.9	82.1	-0.3	0.91
Cond. ³ 3 Years	124	90.9	90.2				124	117	11	90.9	90.2	0.8	0.77
3 Years ³		73.2	73.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	163	96.3	97.0	99	98.9	96.8	257	254.0	7.0	97.3	96.9	0.3	0.77
1 Year	163	93.0	94.1	99	96.3	93.3	257	246.0	14.5	94.2	93.8	0.4	0.79
Cond. ³ 3 Years	140	93.5	94.4				140	133.0	9.0	93.5	94.4	-1.0	0.62
3 Years ³		86.9	88.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of Cincinnati Medical Center - Cincinnati OH
Provider Number 360003 (OHUC)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		268	100.0	62572	100.0
Donor Type	Living	48	17.9	14525	23.2
	Cadaveric: Stroke	78	29.1	15624	25.0
	Cadaveric: MVA	56	20.9	13317	21.3
	Cadaveric: Other	86	32.1	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	43	16.0	10738	17.2
	18-30	73	27.2	19464	31.1
	31-45	86	32.1	18538	29.6
	46-60	52	19.4	11397	18.2
	61+	14	5.2	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	235	87.7	49654	79.4
	Black	25	9.3	6469	10.3
	Hispanic	6	2.2	4943	7.9
	Asian	2	0.7	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	112	41.8	25808	41.2
	Male	156	58.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	47	17.5	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	0.4	551	0.9
	Cadaveric: 0-11	44	16.4	5889	9.4
	Cadaveric: 12-21	80	29.9	16112	25.7
	Cadaveric: 22-31	49	18.3	14287	22.8
	Cadaveric: 32-41	26	9.7	7669	12.3
	Cadaveric: 42+	21	7.8	2519	4.0
	Not Reported	0	0.0	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	19	7.1	5935	9.5
	1	13	4.9	3484	5.6
	2	24	9.0	9648	15.4
	3	56	20.9	16005	25.6
	4	72	26.9	14003	22.4
	5	62	23.1	8963	14.3
	6	18	6.7	3009	4.8
	Not Reported	4	1.5	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	111	41.4	20414	32.6
	36-45	81	30.2	16397	26.2
	46-60	57	21.3	17170	27.4
	61+	14	5.2	4627	7.4
	Not Reported	5	1.9	13	0.0
Recipient Race	White	182	67.9	41213	65.9
	Black	72	26.9	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	3	1.1	1740	2.8
	Other	11	4.1	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	109	40.7	25078	40.1
	Male	159	59.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	221	82.5	59783	95.5
	Kidney and Pancreas	47	17.5	2789	4.5
Previous Kidney Transplant	No	216	80.6	54138	86.5
	Yes	52	19.4	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	16	6.0	19677	31.4
	1-5	186	69.4	23207	37.1
	6-10	44	16.4	5736	9.2
	11+	21	7.8	5280	8.4
	Not Reported	1	0.4	8672	13.9
Peak PRA Prior to Transplant	0	74	27.6	20469	32.7
	1- 19	107	39.9	26645	42.6
	20- 79	63	23.5	9976	15.9
	80-100	24	9.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	58	21.6	11726	18.7
	21-25	113	42.2	23821	38.1
	26-30	67	25.0	12454	19.9
	31+	29	10.8	5762	9.2
	Not Reported	1	0.4	8809	14.1
Primary Kidney Disease	Glomerular	80	29.9	16923	27.0
	Cystic/Congenital	18	6.7	7349	11.7
	Systemic	34	12.7	11759	18.8
	Tubulointerstitial	17	6.3	4233	6.8
	Diabetes	84	31.3	14059	22.5
	Other Diagnosis	17	6.3	5271	8.4
	Not Reported	18	6.7	2978	4.8
Recipient Description at Transplant	Not Hospitalized	268	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	42	15.7	9021	14.4
	1989	31	11.6	8951	14.3
	1990	35	13.1	9819	15.7
	1991	42	15.7	10077	16.1
	1992	54	20.1	10157	16.2
	1993-1994	64	23.9	14547	23.2
Dialysis in First Week After Transplant*	Yes	21	7.8	5716	9.1
	No	103	38.4	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	36	13.4	7249	11.6
	N/A*: No	108	40.3	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	60	22.4	13559	21.7
	No	64	23.9	19634	31.4
	N/A*: Yes	59	22.0	12277	19.6
	N/A*: No	85	31.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University Hospitals - Cleveland OH
Provider Number 360137 (OHUH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	226	90.3	86.0	155	89.0	88.6	381	380	39	89.8	87.1	2.7	0.11
1 Year	226	85.4	79.2	155	83.8	82.1	381	380	58	84.7	80.4	4.3	0.03*
Cond. ³ 3 Years	193	85.6	88.9				193	180	27	85.6	88.9	-3.3	0.14
3 Years ³		73.1	70.5										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	220	97.7	96.2	155	97.4	96.9	373	370.5	9.0	97.6	96.5	1.1	0.26
1 Year	220	94.5	92.7	155	92.8	93.3	373	370.5	23.0	93.8	93.0	0.8	0.52
Cond. ³ 3 Years	208	91.5	93.0				208	202.0	17.5	91.5	93.0	-1.5	0.38
3 Years ³		86.5	86.2										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University Hospitals - Cleveland OH
Provider Number 360137 (OHUH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		381	100.0	62572	100.0
Donor Type	Living	52	13.6	14525	23.2
	Cadaveric: Stroke	119	31.2	15624	25.0
	Cadaveric: MVA	71	18.6	13317	21.3
	Cadaveric: Other	138	36.2	19030	30.4
	Not Reported	1	0.3	76	0.1
Donor Age	0-17	68	17.8	10738	17.2
	18-30	125	32.8	19464	31.1
	31-45	109	28.6	18538	29.6
	46-60	65	17.1	11397	18.2
	61+	14	3.7	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	308	80.8	49654	79.4
	Black	66	17.3	6469	10.3
	Hispanic	4	1.0	4943	7.9
	Asian	3	0.8	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	153	40.2	25808	41.2
	Male	228	59.8	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	51	13.4	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	60	15.7	5889	9.4
	Cadaveric: 12-21	101	26.5	16112	25.7
	Cadaveric: 22-31	94	24.7	14287	22.8
	Cadaveric: 32-41	60	15.7	7669	12.3
	Cadaveric: 42+	13	3.4	2519	4.0
	Not Reported	2	0.5	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	35	9.2	5935	9.5
	1	19	5.0	3484	5.6
	2	48	12.6	9648	15.4
	3	78	20.5	16005	25.6
	4	108	28.3	14003	22.4
	5	65	17.1	8963	14.3
	6	26	6.8	3009	4.8
	Not Reported	2	0.5	1525	2.4
Recipient Age	0-17	16	4.2	3951	6.3
	18-35	119	31.2	20414	32.6
	36-45	122	32.0	16397	26.2
	46-60	99	26.0	17170	27.4
	61+	25	6.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	232	60.9	41213	65.9
	Black	139	36.5	12675	20.3
	Hispanic	9	2.4	5632	9.0
	Asian	1	0.3	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	172	45.1	25078	40.1
	Male	209	54.9	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	308	80.8	59783	95.5
	Kidney and Pancreas	73	19.2	2789	4.5
Previous Kidney Transplant	No	334	87.7	54138	86.5
	Yes	47	12.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	175	45.9	19677	31.4
	1-5	129	33.9	23207	37.1
	6-10	39	10.2	5736	9.2
	11+	35	9.2	5280	8.4
	Not Reported	3	0.8	8672	13.9
Peak PRA Prior to Transplant	0	42	11.0	20469	32.7
	1- 19	194	50.9	26645	42.6
	20- 79	69	18.1	9976	15.9
	80-100	53	13.9	4277	6.8
	Not Reported	23	6.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	55	14.4	11726	18.7
	21-25	114	29.9	23821	38.1
	26-30	62	16.3	12454	19.9
	31+	40	10.5	5762	9.2
	Not Reported	110	28.9	8809	14.1
Primary Kidney Disease	Glomerular	46	12.1	16923	27.0
	Cystic/Congenital	29	7.6	7349	11.7
	Systemic	104	27.3	11759	18.8
	Tubulointerstitial	17	4.5	4233	6.8
	Diabetes	145	38.1	14059	22.5
	Other Diagnosis	33	8.7	5271	8.4
	Not Reported	7	1.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	379	99.5	59280	94.7
	Hospitalized	2	0.5	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	64	16.8	9021	14.4
	1989	46	12.1	8951	14.3
	1990	51	13.4	9819	15.7
	1991	42	11.0	10077	16.1
	1992	82	21.5	10157	16.2
	1993-1994	96	25.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	56	14.7	5716	9.1
	No	137	36.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	46	12.1	7249	11.6
	N/A*: No	142	37.3	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	96	25.2	13559	21.7
	No	97	25.5	19634	31.4
	N/A*: Yes	97	25.5	12277	19.6
	N/A*: No	91	23.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Integris Baptist Medical Center - Oklahoma City OK
Provider Number 370028 (OKBC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	112	92.9	89.8	75	96.0	91.5	187	187	11	94.1	90.5	3.7	0.08
1 Year	112	86.6	85.2	75	92.0	86.8	187	186	21	88.7	85.8	2.9	0.24
Cond. ³ 3 Years	97	93.6	92.9				97	91	6	93.6	92.9	0.8	0.77
3 Years ³		81.1	79.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	112	96.4	97.2	75	97.3	97.5	186	183.5	6.0	96.7	97.3	-0.6	0.62
1 Year	112	89.1	94.5	75	95.9	94.6	186	182.5	15.0	91.8	94.5	-2.7	0.10
Cond. ³ 3 Years	100	93.9	95.2				100	95.5	6.0	93.9	95.2	-1.4	0.51
3 Years ³		83.7	90.0										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Integris Baptist Medical Center - Oklahoma City OK
Provider Number 370028 (OKBC)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		187	100.0	62572	100.0
Donor Type	Living	43	23.0	14525	23.2
	Cadaveric: Stroke	56	29.9	15624	25.0
	Cadaveric: MVA	36	19.3	13317	21.3
	Cadaveric: Other	52	27.8	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	29	15.5	10738	17.2
	18-30	50	26.7	19464	31.1
	31-45	63	33.7	18538	29.6
	46-60	39	20.9	11397	18.2
	61+	6	3.2	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	172	92.0	49654	79.4
	Black	5	2.7	6469	10.3
	Hispanic	7	3.7	4943	7.9
	Asian	1	0.5	801	1.3
	Other	2	1.1	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	74	39.6	25808	41.2
	Male	113	60.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	43	23.0	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	22	11.8	5889	9.4
	Cadaveric: 12-21	86	46.0	16112	25.7
	Cadaveric: 22-31	30	16.0	14287	22.8
	Cadaveric: 32-41	6	3.2	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	23	12.3	5935	9.5
	1	15	8.0	3484	5.6
	2	35	18.7	9648	15.4
	3	56	29.9	16005	25.6
	4	45	24.1	14003	22.4
	5	12	6.4	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	1	0.5	1525	2.4
Recipient Age	0-17	3	1.6	3951	6.3
	18-35	55	29.4	20414	32.6
	36-45	56	29.9	16397	26.2
	46-60	60	32.1	17170	27.4
	61+	13	7.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	157	84.0	41213	65.9
	Black	19	10.2	12675	20.3
	Hispanic	4	2.1	5632	9.0
	Asian	1	0.5	1740	2.8
	Other	6	3.2	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	70	37.4	25078	40.1
	Male	117	62.6	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	187	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	164	87.7	54138	86.5
	Yes	23	12.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	62	33.2	19677	31.4
	1-5	111	59.4	23207	37.1
	6-10	6	3.2	5736	9.2
	11+	8	4.3	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	139	74.3	20469	32.7
	1- 19	22	11.8	26645	42.6
	20- 79	15	8.0	9976	15.9
	80-100	11	5.9	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	25	13.4	11726	18.7
	21-25	69	36.9	23821	38.1
	26-30	44	23.5	12454	19.9
	31+	22	11.8	5762	9.2
	Not Reported	27	14.4	8809	14.1
Primary Kidney Disease	Glomerular	65	34.8	16923	27.0
	Cystic/Congenital	28	15.0	7349	11.7
	Systemic	23	12.3	11759	18.8
	Tubulointerstitial	14	7.5	4233	6.8
	Diabetes	47	25.1	14059	22.5
	Other Diagnosis	9	4.8	5271	8.4
	Not Reported	1	0.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	186	99.5	59280	94.7
	Hospitalized	1	0.5	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	22	11.8	9021	14.4
	1989	22	11.8	8951	14.3
	1990	28	15.0	9819	15.7
	1991	28	15.0	10077	16.1
	1992	34	18.2	10157	16.2
	1993-1994	53	28.3	14547	23.2
Dialysis in First Week After Transplant*	Yes	4	2.1	5716	9.1
	No	93	49.7	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	16	8.6	7249	11.6
	N/A*: No	73	39.0	21509	34.4
	N/A*: Not Reported	1	0.5	621	1.0
Rejection in First 6 Months After Transplant*	Yes	38	20.3	13559	21.7
	No	59	31.6	19634	31.4
	N/A*: Yes	39	20.9	12277	19.6
	N/A*: No	51	27.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Children's Hospital of Oklahoma - Oklahoma City OK
Provider Number 370167 (OKCM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	56	94.6	91.3	16	93.8	94.4	72	72	4	94.4	91.9	2.5	0.43
1 Year	56	89.3	87.2	16	81.3	91.4	72	72	9	87.5	88.1	-0.6	0.87
Cond. ³ 3 Years	50	83.7	88.5				50	48	8	83.7	88.5	-4.8	0.27
3 Years ³		74.7	77.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	53	94.2	99.0	16	93.8	99.3	69	68.0	4.0	94.1	99.1	-5.0	<0.01*
1 Year	53	92.3	97.9	16	87.5	98.4	69	68.0	6.0	91.2	98.0	-6.9	<0.01*
Cond. ³ 3 Years	49	100.0	98.1				49	43.5	0.0	100.0	98.1	1.9	0.34
3 Years ³		92.3	96.1										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Children's Hospital of Oklahoma - Oklahoma City OK
Provider Number 370167 (OKCM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		72	100.0	62572	100.0
Donor Type	Living	50	69.4	14525	23.2
	Cadaveric: Stroke	5	6.9	15624	25.0
	Cadaveric: MVA	11	15.3	13317	21.3
	Cadaveric: Other	6	8.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	10	13.9	10738	17.2
	18-30	19	26.4	19464	31.1
	31-45	38	52.8	18538	29.6
	46-60	5	6.9	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	54	75.0	49654	79.4
	Black	14	19.4	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	1	1.4	801	1.3
	Other	3	4.2	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	45	62.5	25808	41.2
	Male	27	37.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	50	69.4	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	1	1.4	5889	9.4
	Cadaveric: 12-21	14	19.4	16112	25.7
	Cadaveric: 22-31	7	9.7	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		---- Program----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	9	12.5	5935	9.5
	1	12	16.7	3484	5.6
	2	21	29.2	9648	15.4
	3	21	29.2	16005	25.6
	4	6	8.3	14003	22.4
	5	1	1.4	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	2	2.8	1525	2.4
Recipient Age	0-17	57	79.2	3951	6.3
	18-35	15	20.8	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	45	62.5	41213	65.9
	Black	20	27.8	12675	20.3
	Hispanic	3	4.2	5632	9.0
	Asian	1	1.4	1740	2.8
	Other	3	4.2	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	28	38.9	25078	40.1
	Male	44	61.1	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	72	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	57	79.2	54138	86.5
	Yes	15	20.8	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	19	26.4	19677	31.4
	1-5	33	45.8	23207	37.1
	6-10	15	20.8	5736	9.2
	11+	5	6.9	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	56	77.8	20469	32.7
	1- 19	4	5.6	26645	42.6
	20- 79	9	12.5	9976	15.9
	80-100	2	2.8	4277	6.8
	Not Reported	1	1.4	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	53	73.6	11726	18.7
	21-25	10	13.9	23821	38.1
	26-30	3	4.2	12454	19.9
	31+	2	2.8	5762	9.2
	Not Reported	4	5.6	8809	14.1
Primary Kidney Disease	Glomerular	17	23.6	16923	27.0
	Cystic/Congenital	13	18.1	7349	11.7
	Systemic	11	15.3	11759	18.8
	Tubulointerstitial	12	16.7	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	18	25.0	5271	8.4
	Not Reported	1	1.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	71	98.6	59280	94.7
	Hospitalized	1	1.4	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	14	19.4	9021	14.4
	1989	8	11.1	8951	14.3
	1990	14	19.4	9819	15.7
	1991	16	22.2	10077	16.1
	1992	13	18.1	10157	16.2
	1993-1994	7	9.7	14547	23.2
Dialysis in First Week After Transplant*	Yes	1	1.4	5716	9.1
	No	49	68.1	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	1	1.4	7249	11.6
	N/A*: No	21	29.2	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	20	27.8	13559	21.7
	No	30	41.7	19634	31.4
	N/A*: Yes	9	12.5	12277	19.6
	N/A*: No	13	18.1	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Hillcrest Medical Center - Tulsa OK
Provider Number 370001 (OKHM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	93	82.8	89.6	65	86.2	92.6	158	158	25	84.2	90.8	-6.7	<0.01*
1 Year	93	80.6	84.9	65	79.8	88.8	158	157	31	80.3	86.5	-6.1	0.02*
Cond. ³ 3 Years	75	91.8	93.0				75	70	6	91.8	93.0	-1.2	0.68
3 Years ³		74.1	79.0										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	93	93.5	97.2	65	93.7	98.0	158	156.0	10.0	93.6	97.6	-4.0	<0.01*
1 Year	93	91.4	94.6	65	91.9	95.8	158	153.0	13.0	91.6	95.1	-3.5	0.04*
Cond. ³ 3 Years	85	93.9	94.8				85	78.5	5.0	93.9	94.8	-0.9	0.72
3 Years ³		85.8	89.7										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Hillcrest Medical Center - Tulsa OK
Provider Number 370001 (OKHM)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		158	100.0	62572	100.0
Donor Type	Living	45	28.5	14525	23.2
	Cadaveric: Stroke	30	19.0	15624	25.0
	Cadaveric: MVA	38	24.1	13317	21.3
	Cadaveric: Other	45	28.5	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	28	17.7	10738	17.2
	18-30	47	29.7	19464	31.1
	31-45	54	34.2	18538	29.6
	46-60	27	17.1	11397	18.2
	61+	2	1.3	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	138	87.3	49654	79.4
	Black	10	6.3	6469	10.3
	Hispanic	4	2.5	4943	7.9
	Asian	0	0.0	801	1.3
	Other	6	3.8	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	70	44.3	25808	41.2
	Male	88	55.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	43	27.2	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	19	12.0	5889	9.4
	Cadaveric: 12-21	58	36.7	16112	25.7
	Cadaveric: 22-31	25	15.8	14287	22.8
	Cadaveric: 32-41	8	5.1	7669	12.3
	Cadaveric: 42+	3	1.9	2519	4.0
	Not Reported	2	1.3	3935	6.3

		---- Program----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	24	15.2	5935	9.5
	1	7	4.4	3484	5.6
	2	19	12.0	9648	15.4
	3	59	37.3	16005	25.6
	4	32	20.3	14003	22.4
	5	14	8.9	8963	14.3
	6	3	1.9	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	2	1.3	3951	6.3
	18-35	55	34.8	20414	32.6
	36-45	51	32.3	16397	26.2
	46-60	46	29.1	17170	27.4
	61+	4	2.5	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	125	79.1	41213	65.9
	Black	12	7.6	12675	20.3
	Hispanic	2	1.3	5632	9.0
	Asian	1	0.6	1740	2.8
	Other	18	11.4	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	63	39.9	25078	40.1
	Male	95	60.1	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	158	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	139	88.0	54138	86.5
	Yes	19	12.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	33	20.9	19677	31.4
	1-5	67	42.4	23207	37.1
	6-10	11	7.0	5736	9.2
	11+	8	5.1	5280	8.4
	Not Reported	39	24.7	8672	13.9
Peak PRA Prior to Transplant	0	48	30.4	20469	32.7
	1- 19	74	46.8	26645	42.6
	20- 79	24	15.2	9976	15.9
	80-100	6	3.8	4277	6.8
	Not Reported	6	3.8	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	14	8.9	11726	18.7
	21-25	23	14.6	23821	38.1
	26-30	9	5.7	12454	19.9
	31+	10	6.3	5762	9.2
	Not Reported	102	64.6	8809	14.1
Primary Kidney Disease	Glomerular	42	26.6	16923	27.0
	Cystic/Congenital	15	9.5	7349	11.7
	Systemic	31	19.6	11759	18.8
	Tubulointerstitial	11	7.0	4233	6.8
	Diabetes	50	31.6	14059	22.5
	Other Diagnosis	9	5.7	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	154	97.5	59280	94.7
	Hospitalized	4	2.5	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	29	18.4	9021	14.4
	1989	19	12.0	8951	14.3
	1990	25	15.8	9819	15.7
	1991	15	9.5	10077	16.1
	1992	22	13.9	10157	16.2
	1993-1994	48	30.4	14547	23.2
Dialysis in First Week After Transplant*	Yes	7	4.4	5716	9.1
	No	68	43.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	30	19.0	7249	11.6
	N/A*: No	53	33.5	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	30	19.0	13559	21.7
	No	45	28.5	19634	31.4
	N/A*: Yes	35	22.2	12277	19.6
	N/A*: No	48	30.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University Hospital - Oklahoma City OK
Provider Number 370035 (OKMD)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	92	79.3	88.8	69	95.7	89.4	161	161	22	86.3	89.1	-2.8	0.25
1 Year	92	78.2	83.4	69	91.3	84.2	161	159	26	83.8	83.7	0.1	0.99
Cond. ³ 3 Years	71	87.0	89.9				71	67	9	87.0	89.9	-2.9	0.41
3 Years ³		68.0	75.0										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	86	94.0	97.0	69	100.0	97.3	150	148.0	5.0	96.6	97.1	-0.5	0.72
1 Year	86	94.0	94.0	69	98.4	94.4	150	145.5	6.0	95.9	94.2	1.7	0.36
Cond. ³ 3 Years	79	96.8	94.5				79	75.5	2.5	96.8	94.5	2.3	0.37
3 Years ³		90.9	88.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University Hospital - Oklahoma City OK
Provider Number 370035 (OKMD)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		161	100.0	62572	100.0
Donor Type	Living	24	14.9	14525	23.2
	Cadaveric: Stroke	51	31.7	15624	25.0
	Cadaveric: MVA	36	22.4	13317	21.3
	Cadaveric: Other	50	31.1	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	34	21.1	10738	17.2
	18-30	35	21.7	19464	31.1
	31-45	52	32.3	18538	29.6
	46-60	35	21.7	11397	18.2
	61+	5	3.1	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	137	85.1	49654	79.4
	Black	8	5.0	6469	10.3
	Hispanic	9	5.6	4943	7.9
	Asian	1	0.6	801	1.3
	Other	6	3.7	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	61	37.9	25808	41.2
	Male	100	62.1	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	21	13.0	10970	17.5
	Living: 3-5	2	1.2	640	1.0
	Living: 6+	1	0.6	551	0.9
	Cadaveric: 0-11	15	9.3	5889	9.4
	Cadaveric: 12-21	84	52.2	16112	25.7
	Cadaveric: 22-31	30	18.6	14287	22.8
	Cadaveric: 32-41	6	3.7	7669	12.3
	Cadaveric: 42+	1	0.6	2519	4.0
	Not Reported	1	0.6	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	12	7.5	5935	9.5
	1	5	3.1	3484	5.6
	2	34	21.1	9648	15.4
	3	56	34.8	16005	25.6
	4	29	18.0	14003	22.4
	5	19	11.8	8963	14.3
	6	1	0.6	3009	4.8
	Not Reported	5	3.1	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	49	30.4	20414	32.6
	36-45	52	32.3	16397	26.2
	46-60	51	31.7	17170	27.4
	61+	9	5.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	93	57.8	41213	65.9
	Black	38	23.6	12675	20.3
	Hispanic	4	2.5	5632	9.0
	Asian	5	3.1	1740	2.8
	Other	21	13.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	51	31.7	25078	40.1
	Male	110	68.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	161	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	130	80.7	54138	86.5
	Yes	31	19.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	66	41.0	19677	31.4
	1-5	66	41.0	23207	37.1
	6-10	17	10.6	5736	9.2
	11+	11	6.8	5280	8.4
	Not Reported	1	0.6	8672	13.9
Peak PRA Prior to Transplant	0	120	74.5	20469	32.7
	1- 19	12	7.5	26645	42.6
	20- 79	14	8.7	9976	15.9
	80-100	15	9.3	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	22	13.7	11726	18.7
	21-25	68	42.2	23821	38.1
	26-30	38	23.6	12454	19.9
	31+	29	18.0	5762	9.2
	Not Reported	4	2.5	8809	14.1
Primary Kidney Disease	Glomerular	38	23.6	16923	27.0
	Cystic/Congenital	21	13.0	7349	11.7
	Systemic	43	26.7	11759	18.8
	Tubulointerstitial	5	3.1	4233	6.8
	Diabetes	32	19.9	14059	22.5
	Other Diagnosis	10	6.2	5271	8.4
	Not Reported	12	7.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	142	88.2	59280	94.7
	Hospitalized	16	9.9	1917	3.1
	ICU/Life Support	3	1.9	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	16	9.9	9021	14.4
	1989	18	11.2	8951	14.3
	1990	25	15.5	9819	15.7
	1991	24	14.9	10077	16.1
	1992	30	18.6	10157	16.2
	1993-1994	48	29.8	14547	23.2
Dialysis in First Week After Transplant*	Yes	22	13.7	5716	9.1
	No	49	30.4	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	34	21.1	7249	11.6
	N/A*: No	56	34.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	30	18.6	13559	21.7
	No	41	25.5	19634	31.4
	N/A*: Yes	34	21.1	12277	19.6
	N/A*: No	56	34.8	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for St Anthony Hospital - Oklahoma City OK Provider Number 370037 (OKSA)

Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	108	75.9	88.0	28	85.4	89.3	136	135	30	77.8	88.3	-10.5	<0.01*
1 Year	108	64.8	82.8	28	73.7	83.7	136	134	45	66.6	83.0	-16.4	<0.01*
Cond. ³ 3 Years	70	78.9	92.7				70	62	14	78.9	92.7	-13.8	<0.01*
3 Years ³		51.1	76.8										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	105	89.9	96.7	28	98.0	96.9	130	124.0	10.5	91.6	96.7	-5.2	<0.01*
1 Year	105	81.8	93.8	28	85.5	93.6	130	122.0	21.5	82.5	93.8	-11.2	<0.01*
Cond. ³ 3 Years	86	87.8	94.4				86	79.5	10.0	87.8	94.4	-6.6	<0.01*
3 Years ³		71.8	88.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

St Anthony Hospital - Oklahoma City OK
Provider Number 370037 (OKSA)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		136	100.0	62572	100.0
Donor Type	Living	27	19.9	14525	23.2
	Cadaveric: Stroke	38	27.9	15624	25.0
	Cadaveric: MVA	28	20.6	13317	21.3
	Cadaveric: Other	43	31.6	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	27	19.9	10738	17.2
	18-30	42	30.9	19464	31.1
	31-45	38	27.9	18538	29.6
	46-60	28	20.6	11397	18.2
	61+	1	0.7	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	121	89.0	49654	79.4
	Black	7	5.1	6469	10.3
	Hispanic	5	3.7	4943	7.9
	Asian	1	0.7	801	1.3
	Other	2	1.5	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	57	41.9	25808	41.2
	Male	79	58.1	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	27	19.9	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	33	24.3	5889	9.4
	Cadaveric: 12-21	46	33.8	16112	25.7
	Cadaveric: 22-31	26	19.1	14287	22.8
	Cadaveric: 32-41	3	2.2	7669	12.3
	Cadaveric: 42+	1	0.7	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	14	10.3	5935	9.5
	1	13	9.6	3484	5.6
	2	23	16.9	9648	15.4
	3	40	29.4	16005	25.6
	4	34	25.0	14003	22.4
	5	4	2.9	8963	14.3
	6	2	1.5	3009	4.8
	Not Reported	6	4.4	1525	2.4
Recipient Age	0-17	1	0.7	3951	6.3
	18-35	43	31.6	20414	32.6
	36-45	42	30.9	16397	26.2
	46-60	32	23.5	17170	27.4
	61+	18	13.2	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	109	80.1	41213	65.9
	Black	14	10.3	12675	20.3
	Hispanic	4	2.9	5632	9.0
	Asian	1	0.7	1740	2.8
	Other	8	5.9	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	55	40.4	25078	40.1
	Male	81	59.6	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	136	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	117	86.0	54138	86.5
	Yes	19	14.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	96	70.6	19677	31.4
	1-5	34	25.0	23207	37.1
	6-10	3	2.2	5736	9.2
	11+	3	2.2	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	52	38.2	20469	32.7
	1- 19	54	39.7	26645	42.6
	20- 79	26	19.1	9976	15.9
	80-100	4	2.9	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	17	12.5	11726	18.7
	21-25	66	48.5	23821	38.1
	26-30	31	22.8	12454	19.9
	31+	21	15.4	5762	9.2
	Not Reported	1	0.7	8809	14.1
Primary Kidney Disease	Glomerular	36	26.5	16923	27.0
	Cystic/Congenital	21	15.4	7349	11.7
	Systemic	31	22.8	11759	18.8
	Tubulointerstitial	6	4.4	4233	6.8
	Diabetes	30	22.1	14059	22.5
	Other Diagnosis	10	7.4	5271	8.4
	Not Reported	2	1.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	135	99.3	59280	94.7
	Hospitalized	1	0.7	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	37	27.2	9021	14.4
	1989	32	23.5	8951	14.3
	1990	19	14.0	9819	15.7
	1991	19	14.0	10077	16.1
	1992	11	8.1	10157	16.2
	1993-1994	18	13.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	20	14.7	5716	9.1
	No	50	36.8	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	34	25.0	7249	11.6
	N/A*: No	32	23.5	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	13	9.6	13559	21.7
	No	57	41.9	19634	31.4
	N/A*: Yes	30	22.1	12277	19.6
	N/A*: No	36	26.5	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Oregon Health Sciences University Hospital - Portland OR
Provider Number 380009 (ORUO)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	515	91.3	88.9	247	89.5	91.3	762	762	71	90.7	89.7	1.0	0.35
1 Year	515	86.9	84.1	247	85.7	87.0	762	749	102	86.5	85.0	1.5	0.24
Cond. ³ 3 Years	438	92.0	92.8				438	385	33	92.0	92.8	-0.8	0.54
3 Years ³		80.0	78.0										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	498	98.4	97.3	245	97.2	97.7	729	720.5	14.5	98.0	97.4	0.6	0.32
1 Year	498	96.9	94.6	245	94.6	95.1	729	702.0	27.5	96.2	94.8	1.4	0.09
Cond. ³ 3 Years	467	97.5	95.1				467	398.5	11.0	97.5	95.1	2.4	0.02*
3 Years ³		94.5	89.9										

- Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.
- ² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.
- ³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.
- ⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.
- ⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Oregon Health Sciences University Hospital - Portland OR
Provider Number 380009 (ORUO)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		762	100.0	62572	100.0
Donor Type	Living	180	23.6	14525	23.2
	Cadaveric: Stroke	160	21.0	15624	25.0
	Cadaveric: MVA	194	25.5	13317	21.3
	Cadaveric: Other	228	29.9	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	128	16.8	10738	17.2
	18-30	224	29.4	19464	31.1
	31-45	267	35.0	18538	29.6
	46-60	139	18.2	11397	18.2
	61+	4	0.5	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	701	92.0	49654	79.4
	Black	15	2.0	6469	10.3
	Hispanic	30	3.9	4943	7.9
	Asian	12	1.6	801	1.3
	Other	3	0.4	620	1.0
	Not Reported	1	0.1	85	0.1
Donor Gender	Female	334	43.8	25808	41.2
	Male	428	56.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	174	22.8	10970	17.5
	Living: 3-5	1	0.1	640	1.0
	Living: 6+	2	0.3	551	0.9
	Cadaveric: 0-11	36	4.7	5889	9.4
	Cadaveric: 12-21	151	19.8	16112	25.7
	Cadaveric: 22-31	208	27.3	14287	22.8
	Cadaveric: 32-41	139	18.2	7669	12.3
	Cadaveric: 42+	33	4.3	2519	4.0
	Not Reported	18	2.4	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	67	8.8	5935	9.5
	1	35	4.6	3484	5.6
	2	87	11.4	9648	15.4
	3	144	18.9	16005	25.6
	4	170	22.3	14003	22.4
	5	156	20.5	8963	14.3
	6	55	7.2	3009	4.8
	Not Reported	48	6.3	1525	2.4
Recipient Age	0-17	54	7.1	3951	6.3
	18-35	242	31.8	20414	32.6
	36-45	230	30.2	16397	26.2
	46-60	188	24.7	17170	27.4
	61+	48	6.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	651	85.4	41213	65.9
	Black	29	3.8	12675	20.3
	Hispanic	43	5.6	5632	9.0
	Asian	22	2.9	1740	2.8
	Other	16	2.1	1231	2.0
	Not Reported	1	0.1	81	0.1
Recipient Gender	Female	302	39.6	25078	40.1
	Male	460	60.4	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	740	97.1	59783	95.5
	Kidney and Pancreas	22	2.9	2789	4.5
Previous Kidney Transplant	No	627	82.3	54138	86.5
	Yes	134	17.6	8247	13.2
	Not Reported	1	0.1	187	0.3
Pretransplant Transfusions	0	210	27.6	19677	31.4
	1-5	365	47.9	23207	37.1
	6-10	85	11.2	5736	9.2
	11+	92	12.1	5280	8.4
	Not Reported	10	1.3	8672	13.9
Peak PRA Prior to Transplant	0	352	46.2	20469	32.7
	1- 19	320	42.0	26645	42.6
	20- 79	61	8.0	9976	15.9
	80-100	28	3.7	4277	6.8
	Not Reported	1	0.1	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	34	4.5	11726	18.7
	21-25	29	3.8	23821	38.1
	26-30	8	1.0	12454	19.9
	31+	6	0.8	5762	9.2
	Not Reported	685	89.9	8809	14.1
Primary Kidney Disease	Glomerular	223	29.3	16923	27.0
	Cystic/Congenital	107	14.0	7349	11.7
	Systemic	70	9.2	11759	18.8
	Tubulointerstitial	56	7.3	4233	6.8
	Diabetes	180	23.6	14059	22.5
	Other Diagnosis	69	9.1	5271	8.4
	Not Reported	57	7.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	711	93.3	59280	94.7
	Hospitalized	24	3.1	1917	3.1
	ICU/Life Support	2	0.3	469	0.7
	Not Reported	25	3.3	906	1.4
Year of Transplant	1988	122	16.0	9021	14.4
	1989	109	14.3	8951	14.3
	1990	115	15.1	9819	15.7
	1991	116	15.2	10077	16.1
	1992	134	17.6	10157	16.2
	1993-1994	166	21.8	14547	23.2
Dialysis in First Week After Transplant*	Yes	81	10.6	5716	9.1
	No	306	40.2	26528	42.4
	Not Reported	51	6.7	949	1.5
	N/A*: Yes	85	11.2	7249	11.6
	N/A*: No	226	29.7	21509	34.4
	N/A*: Not Reported	13	1.7	621	1.0
Rejection in First 6 Months After Transplant*	Yes	194	25.5	13559	21.7
	No	244	32.0	19634	31.4
	N/A*: Yes	123	16.1	12277	19.6
	N/A*: No	201	26.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.


**Response From: Oregon Health Sciences University Hospital
3181 SW Sam Jackson Park Road, Portland, OR 97201
Provider Number 380009 (ORUO)**

May 16, 1997

The Oregon Health Sciences University is pleased that the 1988-1994 UNOS survival statistics for our kidney transplant program reflect our 38-year commitment to renal transplantation as the preferred method of renal replacement therapy. The UNOS data are considered to be one measure of the success of the Oregon Health Sciences University kidney transplant program, which has now been responsible for more than 2,300 kidney transplants.

We believe that our excellent kidney transplant patient and graft survival statistics are a reflection of the close cooperation between our medical and surgical services, and of our multi-disciplinary approach to transplant candidate selection, organ retrieval, organ preservation, histocompatibility testing, perioperative care, management of complications, and post-transplant follow-up.

John M. Barry, M.D.
Director, Kidney Transplant Program

A handwritten signature in black ink, reading "John Barry, MD". The signature is written in a cursive, flowing style.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Albert Einstein Medical Center - Philadelphia PA
Provider Number 390142 (PAAE)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	247	88.7	84.6	91	80.2	86.6	338	321	44	86.3	85.2	1.2	0.54
1 Year	247	80.8	77.4	91	76.9	79.8	338	317	65	79.7	78.1	1.6	0.46
Cond. ³ 3 Years	181	87.8	88.5				181	162	21	87.8	88.5	-0.7	0.78
3 Years ³		71.0	68.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	237	95.8	96.1	90	91.7	96.3	318	299.0	16.0	94.7	96.1	-1.5	0.18
1 Year	237	91.1	92.2	90	90.2	92.0	318	287.5	27.0	90.9	92.1	-1.3	0.40
Cond. ³ 3 Years	194	94.6	92.6				194	169.8	10.0	94.6	92.6	2.0	0.29
3 Years ³		86.2	85.3										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Albert Einstein Medical Center - Philadelphia PA
Provider Number 390142 (PAAE)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		338	100.0	62572	100.0
Donor Type	Living	36	10.7	14525	23.2
	Cadaveric: Stroke	126	37.3	15624	25.0
	Cadaveric: MVA	69	20.4	13317	21.3
	Cadaveric: Other	106	31.4	19030	30.4
	Not Reported	1	0.3	76	0.1
Donor Age	0-17	49	14.5	10738	17.2
	18-30	99	29.3	19464	31.1
	31-45	82	24.3	18538	29.6
	46-60	72	21.3	11397	18.2
	61+	36	10.7	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	266	78.7	49654	79.4
	Black	59	17.5	6469	10.3
	Hispanic	6	1.8	4943	7.9
	Asian	3	0.9	801	1.3
	Other	3	0.9	620	1.0
	Not Reported	1	0.3	85	0.1
Donor Gender	Female	139	41.1	25808	41.2
	Male	199	58.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	27	8.0	10970	17.5
	Living: 3-5	1	0.3	640	1.0
	Living: 6+	1	0.3	551	0.9
	Cadaveric: 0-11	60	17.8	5889	9.4
	Cadaveric: 12-21	83	24.6	16112	25.7
	Cadaveric: 22-31	103	30.5	14287	22.8
	Cadaveric: 32-41	42	12.4	7669	12.3
	Cadaveric: 42+	9	2.7	2519	4.0
	Not Reported	12	3.6	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	23	6.8	5935	9.5
	1	10	3.0	3484	5.6
	2	32	9.5	9648	15.4
	3	67	19.8	16005	25.6
	4	82	24.3	14003	22.4
	5	88	26.0	8963	14.3
	6	34	10.1	3009	4.8
	Not Reported	2	0.6	1525	2.4
Recipient Age	0-17	1	0.3	3951	6.3
	18-35	106	31.4	20414	32.6
	36-45	98	29.0	16397	26.2
	46-60	107	31.7	17170	27.4
	61+	25	7.4	4627	7.4
	Not Reported	1	0.3	13	0.0
Recipient Race	White	216	63.9	41213	65.9
	Black	93	27.5	12675	20.3
	Hispanic	18	5.3	5632	9.0
	Asian	4	1.2	1740	2.8
	Other	7	2.1	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	128	37.9	25078	40.1
	Male	210	62.1	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	279	82.5	59783	95.5
	Kidney and Pancreas	59	17.5	2789	4.5
Previous Kidney Transplant	No	249	73.7	54138	86.5
	Yes	71	21.0	8247	13.2
	Not Reported	18	5.3	187	0.3
Pretransplant Transfusions	0	152	45.0	19677	31.4
	1-5	63	18.6	23207	37.1
	6-10	22	6.5	5736	9.2
	11+	19	5.6	5280	8.4
	Not Reported	82	24.3	8672	13.9
Peak PRA Prior to Transplant	0	30	8.9	20469	32.7
	1- 19	189	55.9	26645	42.6
	20- 79	85	25.1	9976	15.9
	80-100	34	10.1	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	61	18.0	11726	18.7
	21-25	171	50.6	23821	38.1
	26-30	66	19.5	12454	19.9
	31+	30	8.9	5762	9.2
	Not Reported	10	3.0	8809	14.1
Primary Kidney Disease	Glomerular	80	23.7	16923	27.0
	Cystic/Congenital	27	8.0	7349	11.7
	Systemic	82	24.3	11759	18.8
	Tubulointerstitial	21	6.2	4233	6.8
	Diabetes	93	27.5	14059	22.5
	Other Diagnosis	13	3.8	5271	8.4
	Not Reported	22	6.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	303	89.6	59280	94.7
	Hospitalized	10	3.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	25	7.4	906	1.4
Year of Transplant	1988	68	20.1	9021	14.4
	1989	52	15.4	8951	14.3
	1990	54	16.0	9819	15.7
	1991	53	15.7	10077	16.1
	1992	50	14.8	10157	16.2
	1993-1994	61	18.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	35	10.4	5716	9.1
	No	121	35.8	26528	42.4
	Not Reported	25	7.4	949	1.5
	N/A*: Yes	42	12.4	7249	11.6
	N/A*: No	86	25.4	21509	34.4
	N/A*: Not Reported	29	8.6	621	1.0
Rejection in First 6 Months After Transplant*	Yes	82	24.3	13559	21.7
	No	99	29.3	19634	31.4
	N/A*: Yes	44	13.0	12277	19.6
	N/A*: No	113	33.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Albert Einstein Medical Center
5501 Old York Road, Philadelphia, PA 19141
Provider Number 390142 (PAAE)**

May 8, 1997

Albert Einstein Medical Center's Kidney Transplant Program continues to provide excellent patient care as reflected in the present report results.

Our decreased patient and graft survival for Era 2 is a reflection of the change in immunosuppression at our program in August of 1992. At that time, Minnesota ALG was taken off the market and we went from quadruple induction therapy to triple therapy. At the end of 1994, we realized that our incidence of rejection was increasing and, therefore, we reintroduced quadruple induction therapy with ATGAM and at the same time we began using some of the new immunosuppressive drugs (Prograf, Cellcept) for high risk patients. Since that time, our results have improved significantly and our actual one year patient and graft survival for the period 1995-1996 is 96.4% and 92%.

We believe that our excellent patient and graft survivals are the result of the close cooperation of our integrated surgical and medical teams as well as the major commitment of the institution to the field of transplantation.

Francisco Badosa, M.D.
Director, Kidney/Pancreas Transplant Program



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Allegheny General Hospital - Pittsburgh PA
Provider Number 390050 (PAAG)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	305	91.4	83.6	164	93.9	87.7	469	465	36	92.3	85.0	7.3	<0.01*
1 Year	305	82.1	76.7	164	87.1	81.4	469	465	75	83.9	78.4	5.5	<0.01*
Cond. ³ 3 Years	247	89.6	90.8				247	233	25	89.6	90.8	-1.2	0.51
3 Years ³		73.6	69.7										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	286	97.1	95.8	162	98.0	96.3	435	428.2	11.0	97.4	96.0	1.4	0.12
1 Year	286	93.8	91.7	162	95.1	92.2	435	423.7	24.5	94.3	91.9	2.4	0.07
Cond. ³ 3 Years	262	94.1	92.6				262	247.0	15.0	94.1	92.6	1.5	0.36
3 Years ³		88.2	84.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Allegheny General Hospital - Pittsburgh PA
Provider Number 390050 (PAAG)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		469	100.0	62572	100.0
Donor Type	Living	24	5.1	14525	23.2
	Cadaveric: Stroke	177	37.7	15624	25.0
	Cadaveric: MVA	87	18.6	13317	21.3
	Cadaveric: Other	175	37.3	19030	30.4
	Not Reported	6	1.3	76	0.1
Donor Age	0-17	136	29.0	10738	17.2
	18-30	68	14.5	19464	31.1
	31-45	114	24.3	18538	29.6
	46-60	112	23.9	11397	18.2
	61+	38	8.1	2394	3.8
	Not Reported	1	0.2	41	0.1
Donor Race	White	421	89.8	49654	79.4
	Black	33	7.0	6469	10.3
	Hispanic	8	1.7	4943	7.9
	Asian	3	0.6	801	1.3
	Other	1	0.2	620	1.0
	Not Reported	3	0.6	85	0.1
Donor Gender	Female	191	40.7	25808	41.2
	Male	277	59.1	36762	58.8
	Not Reported	1	0.2	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	3	0.6	10970	17.5
	Living: 3-5	17	3.6	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	32	6.8	5889	9.4
	Cadaveric: 12-21	73	15.6	16112	25.7
	Cadaveric: 22-31	147	31.3	14287	22.8
	Cadaveric: 32-41	83	17.7	7669	12.3
	Cadaveric: 42+	63	13.4	2519	4.0
	Not Reported	51	10.9	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	27	5.8	5935	9.5
	1	39	8.3	3484	5.6
	2	64	13.6	9648	15.4
	3	135	28.8	16005	25.6
	4	129	27.5	14003	22.4
	5	58	12.4	8963	14.3
	6	7	1.5	3009	4.8
	Not Reported	10	2.1	1525	2.4
Recipient Age	0-17	4	0.9	3951	6.3
	18-35	139	29.6	20414	32.6
	36-45	107	22.8	16397	26.2
	46-60	141	30.1	17170	27.4
	61+	78	16.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	407	86.8	41213	65.9
	Black	55	11.7	12675	20.3
	Hispanic	3	0.6	5632	9.0
	Asian	1	0.2	1740	2.8
	Other	3	0.6	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	188	40.1	25078	40.1
	Male	281	59.9	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	457	97.4	59783	95.5
	Kidney and Pancreas	12	2.6	2789	4.5
Previous Kidney Transplant	No	382	81.4	54138	86.5
	Yes	74	15.8	8247	13.2
	Not Reported	13	2.8	187	0.3
Pretransplant Transfusions	0	197	42.0	19677	31.4
	1-5	62	13.2	23207	37.1
	6-10	10	2.1	5736	9.2
	11+	19	4.1	5280	8.4
	Not Reported	181	38.6	8672	13.9
Peak PRA Prior to Transplant	0	94	20.0	20469	32.7
	1- 19	270	57.6	26645	42.6
	20- 79	71	15.1	9976	15.9
	80-100	24	5.1	4277	6.8
	Not Reported	10	2.1	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	62	13.2	11726	18.7
	21-25	204	43.5	23821	38.1
	26-30	114	24.3	12454	19.9
	31+	75	16.0	5762	9.2
	Not Reported	14	3.0	8809	14.1
Primary Kidney Disease	Glomerular	117	24.9	16923	27.0
	Cystic/Congenital	54	11.5	7349	11.7
	Systemic	58	12.4	11759	18.8
	Tubulointerstitial	22	4.7	4233	6.8
	Diabetes	121	25.8	14059	22.5
	Other Diagnosis	30	6.4	5271	8.4
	Not Reported	67	14.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	388	82.7	59280	94.7
	Hospitalized	68	14.5	1917	3.1
	ICU/Life Support	1	0.2	469	0.7
	Not Reported	12	2.6	906	1.4
Year of Transplant	1988	58	12.4	9021	14.4
	1989	58	12.4	8951	14.3
	1990	81	17.3	9819	15.7
	1991	81	17.3	10077	16.1
	1992	85	18.1	10157	16.2
	1993-1994	106	22.6	14547	23.2
Dialysis in First Week After Transplant*	Yes	73	15.6	5716	9.1
	No	165	35.2	26528	42.4
	Not Reported	9	1.9	949	1.5
	N/A*: Yes	89	19.0	7249	11.6
	N/A*: No	123	26.2	21509	34.4
	N/A*: Not Reported	10	2.1	621	1.0
Rejection in First 6 Months After Transplant*	Yes	111	23.7	13559	21.7
	No	136	29.0	19634	31.4
	N/A*: Yes	70	14.9	12277	19.6
	N/A*: No	152	32.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Allegheny General Hospital
320 East North Avenue, Pittsburgh, PA 15212
Provider Number 390050 (PAAG)**

May 6, 1997

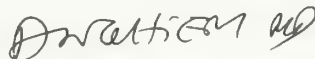
Allegheny General Hospital is a 728 bed tertiary care institution and serves as the Western Pennsylvania campus of The Allegheny University of the Health Sciences. The kidney transplant program was initiated in February 1987. In the past ten years, Allegheny General Hospital has demonstrated its commitment to both advanced medical technology and personalized care to transplant patients. This commitment is reflected in the UNOS statistics for patient and graft survival, both of which are above the national expectations.

Of the transplants performed at Allegheny General Hospital during this time reported, 26% were performed in patients with insulin-dependent diabetes, which is higher than the national average. In addition, 17% of the patients were above the age of 61 years, placing them at a higher risk for surgery. Despite these high risk patients, Allegheny General Hospital's patient survival rates remain higher than national expectations.

These statistics are due to careful evaluation of patients pre-transplant, as well as close follow-up care post-transplant by all members of the transplant team.

However, statistical analysis should never be used as a sole measure of a transplant program's quality. Total patient care, with attention to both the emotional as well as the medical needs of the patient and family, is critical during all phases of evaluation, hospitalization and follow-up. The multi-disciplinary team at Allegheny General Hospital addresses and coordinated all aspects of the patient's care.

Dai Dao Nghiem, MD
Transplant Program Director



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Children's Hospital - Pittsburgh PA
Provider Number 393302 (PACH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	29	96.6	87.7	24	95.7	90.3	53	52	2	96.2	88.8	7.3	0.08
1 Year	29	96.5	84.0	24	95.7	86.1	53	51	2	96.1	85.0	11.1	0.02*
Cond. ³ 3 Years	27	96.3	90.8				27	26	1	96.3	90.8	5.5	0.32
3 Years ³		92.9	76.3										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	29	100.0	98.3	24	95.2	99.0	53	49.0	1.0	98.0	98.6	-0.7	0.69
1 Year	29	96.4	96.7	24	95.1	97.3	53	48.0	2.0	95.9	97.0	-1.1	0.65
Cond. ³ 3 Years	27	100.0	98.2				27	25.5	0.0	100.0	98.2	1.8	0.48
3 Years ³		96.4	95.0										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Children's Hospital - Pittsburgh PA
Provider Number 393302 (PACH)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		53	100.0	62572	100.0
Donor Type	Living	32	60.4	14525	23.2
	Cadaveric: Stroke	6	11.3	15624	25.0
	Cadaveric: MVA	7	13.2	13317	21.3
	Cadaveric: Other	8	15.1	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	8	15.1	10738	17.2
	18-30	6	11.3	19464	31.1
	31-45	31	58.5	18538	29.6
	46-60	8	15.1	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	51	96.2	49654	79.4
	Black	2	3.8	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	28	52.8	25808	41.2
	Male	25	47.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	30	56.6	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	1.9	551	0.9
	Cadaveric: 0-11	3	5.7	5889	9.4
	Cadaveric: 12-21	5	9.4	16112	25.7
	Cadaveric: 22-31	7	13.2	14287	22.8
	Cadaveric: 32-41	4	7.5	7669	12.3
	Cadaveric: 42+	1	1.9	2519	4.0
	Not Reported	2	3.8	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	2	3.8	5935	9.5
	1	4	7.5	3484	5.6
	2	14	26.4	9648	15.4
	3	20	37.7	16005	25.6
	4	8	15.1	14003	22.4
	5	4	7.5	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	1	1.9	1525	2.4
Recipient Age	0-17	53	100.0	3951	6.3
	18-35	0	0.0	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	45	84.9	41213	65.9
	Black	2	3.8	12675	20.3
	Hispanic	6	11.3	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	20	37.7	25078	40.1
	Male	33	62.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	53	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	39	73.6	54138	86.5
	Yes	14	26.4	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	36	67.9	19677	31.4
	1-5	13	24.5	23207	37.1
	6-10	2	3.8	5736	9.2
	11+	2	3.8	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	9	17.0	20469	32.7
	1- 19	30	56.6	26645	42.6
	20- 79	11	20.8	9976	15.9
	80-100	2	3.8	4277	6.8
	Not Reported	1	1.9	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	35	66.0	11726	18.7
	21-25	5	9.4	23821	38.1
	26-30	1	1.9	12454	19.9
	31+	2	3.8	5762	9.2
	Not Reported	10	18.9	8809	14.1
Primary Kidney Disease	Glomerular	11	20.8	16923	27.0
	Cystic/Congenital	20	37.7	7349	11.7
	Systemic	3	5.7	11759	18.8
	Tubulointerstitial	8	15.1	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	7	13.2	5271	8.4
	Not Reported	4	7.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	45	84.9	59280	94.7
	Hospitalized	6	11.3	1917	3.1
	ICU/Life Support	2	3.8	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	4	7.5	9021	14.4
	1989	9	17.0	8951	14.3
	1990	5	9.4	9819	15.7
	1991	10	18.9	10077	16.1
	1992	9	17.0	10157	16.2
	1993-1994	16	30.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	1	1.9	5716	9.1
	No	26	49.1	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	4	7.5	7249	11.6
	N/A*: No	22	41.5	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	8	15.1	13559	21.7
	No	19	35.8	19634	31.4
	N/A*: Yes	6	11.3	12277	19.6
	N/A*: No	20	37.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Children's Hospital of Pittsburgh
3705 Fifth Avenue, Pittsburgh, PA 15213
Provider Number 393302 (PACH)**

May 8, 1997

The University of Pittsburgh kidney transplant program is one of the top ten kidney transplant programs in the United States, performing approximately 200 kidney transplants each year. This program is comprised of the pediatric kidney transplant program at the Children's Hospital of Pittsburgh, and the adult kidney transplant program centered at the University of Pittsburgh Medical Center. Both kidney transplant programs are comprised of the full spectrum of surgical, nephrologic, nursing, psychosocial, and other specialists, that are available 24 hours a day, 365 days a year. Both cadaveric and living related kidney transplants are offered as well as complex multiple organ transplantation, including kidney/pancreas transplantation for juvenile onset diabetics.

The characteristics of the patients transplanted at the Children's Hospital of Pittsburgh reflect the nature of philosophy of our program, that is, to provide transplant services to all who may benefit, including those patients who are considered as being high risk. Thus the patients transplanted at this center reflect a larger percentage of patients who are highly sensitized (e.g. PRA > 20%); and patients who have received previous kidney transplants. While the results obtained at this center during the cyclosporine era (ERA1) and tacrolimus era (ERA2) reflect results that are significantly above the expected outcomes, the use of tacrolimus-based immunosuppression (pioneered at the University of Pittsburgh), has greatly improved the quality of life of pediatric kidney transplant recipients because of the ability to wean the majority of the children from chronic steroids. We believe that long term results will bear out the utility of our approach to kidney transplantation. The statistically significantly better survival rates reflect the commitment of this program to enhancing the outcomes of transplantation for all patients.

We advise the public to be cautious in relying on only survival figures when comparing center outcomes. Besides being based on data that is already several years old, these figures do not take into consideration all pertinent risk factors, such as the medical risk factors of the kidney transplant recipients. We invite patients and their families to discuss with us in detail the probability of successful outcome after kidney transplantation for any given individual.

John J. Fung, M.D., Ph.D.
Transplant Program Director



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Children's Hospital - Philadelphia PA
Provider Number 393303 (PACP)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				11	90.9	91.2	11	11	1	90.9	91.2	-0.3	0.98
1 Year				11	90.9	86.8	11	10	1	90.9	86.8	4.1	0.68
Cond. ³ 3 Years													
3 Years ³													

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				11	100.0	99.1	11	11.0	0.0	100.0	99.1	0.9	0.75
1 Year				11	100.0	97.7	11	10.0	0.0	100.0	97.7	2.3	0.61
Cond. ³ 3 Years													
3 Years ³													

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Children's Hospital - Philadelphia PA
Provider Number 393303 (PACP)

		---- Program----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		11	100.0	62572	100.0
Donor Type	Living	7	63.6	14525	23.2
	Cadaveric: Stroke	1	9.1	15624	25.0
	Cadaveric: MVA	1	9.1	13317	21.3
	Cadaveric: Other	2	18.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	3	27.3	10738	17.2
	18-30	2	18.2	19464	31.1
	31-45	4	36.4	18538	29.6
	46-60	2	18.2	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	8	72.7	49654	79.4
	Black	2	18.2	6469	10.3
	Hispanic	1	9.1	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	6	54.5	25808	41.2
	Male	5	45.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	3	27.3	10970	17.5
	Living: 3-5	4	36.4	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	1	9.1	5889	9.4
	Cadaveric: 12-21	1	9.1	16112	25.7
	Cadaveric: 22-31	2	18.2	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	1	9.1	5935	9.5
	1	1	9.1	3484	5.6
	2	2	18.2	9648	15.4
	3	2	18.2	16005	25.6
	4	1	9.1	14003	22.4
	5	4	36.4	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	10	90.9	3951	6.3
	18-35	1	9.1	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	5	45.5	41213	65.9
	Black	5	45.5	12675	20.3
	Hispanic	1	9.1	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	7	63.6	25078	40.1
	Male	4	36.4	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	11	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	11	100.0	54138	86.5
	Yes	0	0.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	1	9.1	19677	31.4
	1-5	1	9.1	23207	37.1
	6-10	0	0.0	5736	9.2
	11+	0	0.0	5280	8.4
	Not Reported	9	81.8	8672	13.9
Peak PRA Prior to Transplant	0	9	81.8	20469	32.7
	1- 19	0	0.0	26645	42.6
	20- 79	2	18.2	9976	15.9
	80-100	0	0.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	4	36.4	11726	18.7
	21-25	2	18.2	23821	38.1
	26-30	1	9.1	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	4	36.4	8809	14.1
Primary Kidney Disease	Glomerular	3	27.3	16923	27.0
	Cystic/Congenital	2	18.2	7349	11.7
	Systemic	0	0.0	11759	18.8
	Tubulointerstitial	2	18.2	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	3	27.3	5271	8.4
	Not Reported	1	9.1	2978	4.8
Recipient Description at Transplant	Not Hospitalized	11	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	0	0.0	10077	16.1
	1992	0	0.0	10157	16.2
	1993-1994	11	100.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	0	0.0	5716	9.1
	No	0	0.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	2	18.2	7249	11.6
	N/A*: No	9	81.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	0	0.0	13559	21.7
	No	0	0.0	19634	31.4
	N/A*: Yes	8	72.7	12277	19.6
	N/A*: No	3	27.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Children's Hospital of Philadelphia
34th Street and Civic Center Boulevard, Philadelphia, PA 19104
Provider Number 393303 (PACP)**

May 9, 1997

The renal transplant program at the Children's Hospital of Philadelphia was established in 1993. We are committed to the provision of excellent care to children with End-Stage Renal Disease within the setting of an outstanding children's hospital.

We are proud of the survival statistics reported in the UNOS Center-Specific Report. The Children's Hospital of Philadelphia renal transplant program performed 11 transplants from March 1993 to April 1994 with a 1 year graft survival rate of 90.9% and patient survival rate of 100%. Both rates exceed UNOS' expected survival rates. This report accurately reflects the hard work and commitment of the multi-disciplinary renal transplant team of physicians, nurses, dietitians, social workers, and the other pediatric specialists. We have continued to have excellent patient outcomes as our program has expanded. We have performed a total of 29 transplants since March 1993. Graft survival rates are 92% at 1 year and 87% at 3 years with a 100% patient survival rate.

Kenneth L. Brayman, M.D., Ph.D.
Director, Kidney Transplant Program



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Geisinger Medical Center - Danville PA
Provider Number 390006 (PAGM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	161	79.4	85.9	66	81.8	88.9	227	226	45	80.1	86.8	-6.7	<0.01*
1 Year	161	74.9	80.2	66	78.8	83.8	227	225	54	76.1	81.3	-5.2	0.04*
Cond. ³ 3 Years	119	86.9	91.8				119	111	15	86.9	91.8	-4.9	0.05
3 Years ³		65.1	73.6										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	151	92.0	96.4	64	94.6	97.4	211	210.5	15.3	92.7	96.7	-4.0	<0.01*
1 Year	151	87.9	93.2	64	90.3	94.4	211	208.0	23.8	88.6	93.6	-5.0	<0.01*
Cond. ³ 3 Years	134	85.6	94.2				134	130.0	19.0	85.6	94.2	-8.5	<0.01*
3 Years ³		75.3	87.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Geisinger Medical Center - Danville PA
Provider Number 390006 (PAGM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		227	100.0	62572	100.0
Donor Type	Living	19	8.4	14525	23.2
	Cadaveric: Stroke	76	33.5	15624	25.0
	Cadaveric: MVA	69	30.4	13317	21.3
	Cadaveric: Other	63	27.8	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	64	28.2	10738	17.2
	18-30	61	26.9	19464	31.1
	31-45	55	24.2	18538	29.6
	46-60	37	16.3	11397	18.2
	61+	10	4.4	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	212	93.4	49654	79.4
	Black	11	4.8	6469	10.3
	Hispanic	4	1.8	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	93	41.0	25808	41.2
	Male	134	59.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	19	8.4	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	12	5.3	5889	9.4
	Cadaveric: 12-21	47	20.7	16112	25.7
	Cadaveric: 22-31	108	47.6	14287	22.8
	Cadaveric: 32-41	39	17.2	7669	12.3
	Cadaveric: 42+	2	0.9	2519	4.0
	Not Reported	0	0.0	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	22	9.7	5935	9.5
	1	21	9.3	3484	5.6
	2	45	19.8	9648	15.4
	3	73	32.2	16005	25.6
	4	52	22.9	14003	22.4
	5	12	5.3	8963	14.3
	6	1	0.4	3009	4.8
	Not Reported	1	0.4	1525	2.4
Recipient Age	0-17	21	9.3	3951	6.3
	18-35	60	26.4	20414	32.6
	36-45	51	22.5	16397	26.2
	46-60	73	32.2	17170	27.4
	61+	22	9.7	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	224	98.7	41213	65.9
	Black	2	0.9	12675	20.3
	Hispanic	1	0.4	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	91	40.1	25078	40.1
	Male	136	59.9	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	227	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	180	79.3	54138	86.5
	Yes	47	20.7	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	71	31.3	19677	31.4
	1-5	74	32.6	23207	37.1
	6-10	37	16.3	5736	9.2
	11+	45	19.8	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	62	27.3	20469	32.7
	1- 19	92	40.5	26645	42.6
	20- 79	42	18.5	9976	15.9
	80-100	31	13.7	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	31	13.7	11726	18.7
	21-25	66	29.1	23821	38.1
	26-30	43	18.9	12454	19.9
	31+	30	13.2	5762	9.2
	Not Reported	57	25.1	8809	14.1
Primary Kidney Disease	Glomerular	67	29.5	16923	27.0
	Cystic/Congenital	48	21.1	7349	11.7
	Systemic	31	13.7	11759	18.8
	Tubulointerstitial	19	8.4	4233	6.8
	Diabetes	45	19.8	14059	22.5
	Other Diagnosis	13	5.7	5271	8.4
	Not Reported	4	1.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	223	98.2	59280	94.7
	Hospitalized	4	1.8	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	34	15.0	9021	14.4
	1989	29	12.8	8951	14.3
	1990	41	18.1	9819	15.7
	1991	39	17.2	10077	16.1
	1992	42	18.5	10157	16.2
	1993-1994	42	18.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	48	21.1	5716	9.1
	No	71	31.3	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	47	20.7	7249	11.6
	N/A*: No	58	25.6	21509	34.4
	N/A*: Not Reported	3	1.3	621	1.0
Rejection in First 6 Months After Transplant*	Yes	60	26.4	13559	21.7
	No	59	26.0	19634	31.4
	N/A*: Yes	66	29.1	12277	19.6
	N/A*: No	42	18.5	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Milton S. Hershey Medical Center - Hershey PA
Provider Number 390256 (PAHE)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	256	90.2	87.3	134	89.6	90.5	390	390	39	90.0	88.4	1.6	0.31
1 Year	256	85.9	81.7	134	85.1	85.6	390	390	56	85.6	83.0	2.6	0.16
Cond. ³ 3 Years	219	90.2	92.0				219	209	21	90.2	92.0	-1.8	0.32
3 Years ³		77.6	75.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	252	95.9	96.6	134	96.1	97.4	378	371.0	15.0	96.0	96.8	-0.8	0.34
1 Year	252	94.7	93.4	134	92.0	94.2	378	369.0	23.0	93.8	93.7	0.1	0.90
Cond. ³ 3 Years	238	94.0	94.2				238	227.5	14.0	94.0	94.2	-0.2	0.90
3 Years ³		89.1	88.0										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Milton S. Hershey Medical Center - Hershey PA
Provider Number 390256 (PAHE)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		390	100.0	62572	100.0
Donor Type	Living	104	26.7	14525	23.2
	Cadaveric: Stroke	107	27.4	15624	25.0
	Cadaveric: MVA	83	21.3	13317	21.3
	Cadaveric: Other	96	24.6	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	69	17.7	10738	17.2
	18-30	120	30.8	19464	31.1
	31-45	88	22.6	18538	29.6
	46-60	86	22.1	11397	18.2
	61+	27	6.9	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	356	91.3	49654	79.4
	Black	25	6.4	6469	10.3
	Hispanic	8	2.1	4943	7.9
	Asian	0	0.0	801	1.3
	Other	1	0.3	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	138	35.4	25808	41.2
	Male	252	64.6	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	96	24.6	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	0.3	551	0.9
	Cadaveric: 0-11	28	7.2	5889	9.4
	Cadaveric: 12-21	74	19.0	16112	25.7
	Cadaveric: 22-31	110	28.2	14287	22.8
	Cadaveric: 32-41	58	14.9	7669	12.3
	Cadaveric: 42+	14	3.6	2519	4.0
	Not Reported	9	2.3	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	42	10.8	5935	9.5
	1	36	9.2	3484	5.6
	2	60	15.4	9648	15.4
	3	99	25.4	16005	25.6
	4	73	18.7	14003	22.4
	5	59	15.1	8963	14.3
	6	19	4.9	3009	4.8
	Not Reported	2	0.5	1525	2.4
Recipient Age	0-17	18	4.6	3951	6.3
	18-35	115	29.5	20414	32.6
	36-45	91	23.3	16397	26.2
	46-60	122	31.3	17170	27.4
	61+	44	11.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	347	89.0	41213	65.9
	Black	31	7.9	12675	20.3
	Hispanic	7	1.8	5632	9.0
	Asian	4	1.0	1740	2.8
	Other	1	0.3	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	145	37.2	25078	40.1
	Male	245	62.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	368	94.4	59783	95.5
	Kidney and Pancreas	22	5.6	2789	4.5
Previous Kidney Transplant	No	351	90.0	54138	86.5
	Yes	39	10.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	96	24.6	19677	31.4
	1-5	156	40.0	23207	37.1
	6-10	23	5.9	5736	9.2
	11+	39	10.0	5280	8.4
	Not Reported	76	19.5	8672	13.9
Peak PRA Prior to Transplant	0	96	24.6	20469	32.7
	1- 19	204	52.3	26645	42.6
	20- 79	46	11.8	9976	15.9
	80-100	40	10.3	4277	6.8
	Not Reported	4	1.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	54	13.8	11726	18.7
	21-25	180	46.2	23821	38.1
	26-30	120	30.8	12454	19.9
	31+	32	8.2	5762	9.2
	Not Reported	4	1.0	8809	14.1
Primary Kidney Disease	Glomerular	115	29.5	16923	27.0
	Cystic/Congenital	62	15.9	7349	11.7
	Systemic	61	15.6	11759	18.8
	Tubulointerstitial	25	6.4	4233	6.8
	Diabetes	93	23.8	14059	22.5
	Other Diagnosis	23	5.9	5271	8.4
	Not Reported	11	2.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	386	99.0	59280	94.7
	Hospitalized	2	0.5	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	2	0.5	906	1.4
Year of Transplant	1988	66	16.9	9021	14.4
	1989	41	10.5	8951	14.3
	1990	57	14.6	9819	15.7
	1991	76	19.5	10077	16.1
	1992	63	16.2	10157	16.2
	1993-1994	87	22.3	14547	23.2
Dialysis in First Week After Transplant*	Yes	41	10.5	5716	9.1
	No	172	44.1	26528	42.4
	Not Reported	6	1.5	949	1.5
	N/A*: Yes	47	12.1	7249	11.6
	N/A*: No	123	31.5	21509	34.4
	N/A*: Not Reported	1	0.3	621	1.0
Rejection in First 6 Months After Transplant*	Yes	138	35.4	13559	21.7
	No	81	20.8	19634	31.4
	N/A*: Yes	115	29.5	12277	19.6
	N/A*: No	56	14.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Allegheny University Hospital - Center City - Philadelphia PA
Provider Number 390051 (PAHM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	148	91.9	86.6	141	87.8	87.1	289	286	29	89.9	86.9	3.0	0.12
1 Year	148	85.8	80.2	141	75.8	79.8	289	256	52	81.2	80.0	1.1	0.63
Cond. ³ 3 Years	124	88.5	87.6				124	68	11	88.5	87.6	1.0	0.77
3 Years ³		76.0	70.3										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	147	99.3	97.0	139	97.0	96.6	280	272.5	5.0	98.2	96.8	1.3	0.19
1 Year	147	95.1	94.1	139	87.6	92.9	280	236.5	21.5	91.7	93.5	-1.8	0.22
Cond. ³ 3 Years	133	87.9	94.1				133	73.5	13.0	87.9	94.1	-6.2	<0.01*
3 Years ³		83.5	88.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Allegheny University Hospital - Center City - Philadelphia PA
Provider Number 390051 (PAHM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		289	100.0	62572	100.0
Donor Type	Living	52	18.0	14525	23.2
	Cadaveric: Stroke	92	31.8	15624	25.0
	Cadaveric: MVA	53	18.3	13317	21.3
	Cadaveric: Other	91	31.5	19030	30.4
	Not Reported	1	0.3	76	0.1
Donor Age	0-17	85	29.4	10738	17.2
	18-30	68	23.5	19464	31.1
	31-45	54	18.7	18538	29.6
	46-60	43	14.9	11397	18.2
	61+	39	13.5	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	222	76.8	49654	79.4
	Black	50	17.3	6469	10.3
	Hispanic	12	4.2	4943	7.9
	Asian	5	1.7	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	120	41.5	25808	41.2
	Male	169	58.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	51	17.6	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	0.3	551	0.9
	Cadaveric: 0-11	8	2.8	5889	9.4
	Cadaveric: 12-21	41	14.2	16112	25.7
	Cadaveric: 22-31	95	32.9	14287	22.8
	Cadaveric: 32-41	47	16.3	7669	12.3
	Cadaveric: 42+	26	9.0	2519	4.0
	Not Reported	20	6.9	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	16	5.5	5935	9.5
	1	11	3.8	3484	5.6
	2	33	11.4	9648	15.4
	3	63	21.8	16005	25.6
	4	81	28.0	14003	22.4
	5	69	23.9	8963	14.3
	6	12	4.2	3009	4.8
	Not Reported	4	1.4	1525	2.4
Recipient Age	0-17	1	0.3	3951	6.3
	18-35	97	33.6	20414	32.6
	36-45	87	30.1	16397	26.2
	46-60	69	23.9	17170	27.4
	61+	35	12.1	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	136	47.1	41213	65.9
	Black	123	42.6	12675	20.3
	Hispanic	19	6.6	5632	9.0
	Asian	9	3.1	1740	2.8
	Other	2	0.7	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	102	35.3	25078	40.1
	Male	187	64.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	274	94.8	59783	95.5
	Kidney and Pancreas	15	5.2	2789	4.5
Previous Kidney Transplant	No	237	82.0	54138	86.5
	Yes	52	18.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	120	41.5	19677	31.4
	1-5	110	38.1	23207	37.1
	6-10	19	6.6	5736	9.2
	11+	26	9.0	5280	8.4
	Not Reported	14	4.8	8672	13.9
Peak PRA Prior to Transplant	0	221	76.5	20469	32.7
	1- 19	22	7.6	26645	42.6
	20- 79	30	10.4	9976	15.9
	80-100	16	5.5	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	34	11.8	11726	18.7
	21-25	81	28.0	23821	38.1
	26-30	74	25.6	12454	19.9
	31+	45	15.6	5762	9.2
	Not Reported	55	19.0	8809	14.1
Primary Kidney Disease	Glomerular	74	25.6	16923	27.0
	Cystic/Congenital	30	10.4	7349	11.7
	Systemic	91	31.5	11759	18.8
	Tubulointerstitial	14	4.8	4233	6.8
	Diabetes	54	18.7	14059	22.5
	Other Diagnosis	19	6.6	5271	8.4
	Not Reported	7	2.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	286	99.0	59280	94.7
	Hospitalized	1	0.3	1917	3.1
	ICU/Life Support	2	0.7	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	19	6.6	9021	14.4
	1989	23	8.0	8951	14.3
	1990	17	5.9	9819	15.7
	1991	67	23.2	10077	16.1
	1992	79	27.3	10157	16.2
	1993-1994	84	29.1	14547	23.2
Dialysis in First Week After Transplant*	Yes	34	11.8	5716	9.1
	No	85	29.4	26528	42.4
	Not Reported	5	1.7	949	1.5
	N/A*: Yes	36	12.5	7249	11.6
	N/A*: No	123	42.6	21509	34.4
	N/A*: Not Reported	6	2.1	621	1.0
Rejection in First 6 Months After Transplant*	Yes	38	13.1	13559	21.7
	No	86	29.8	19634	31.4
	N/A*: Yes	82	28.4	12277	19.6
	N/A*: No	83	28.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Lankenau Hospital - Wynnewood PA
Provider Number 390195 (PALH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				5	100.0	89.0	5	5	0	100.0	89.0	11.0	1.00
1 Year				5	100.0	82.0	5	5	0	100.0	82.0	18.0	0.59
Cond. ³													
3 Years													
3 Years ³													

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				5	100.0	95.1	5	5.0	0.0	100.0	95.1	4.9	1.00
1 Year				5	100.0	90.1	5	5.0	0.0	100.0	90.1	9.9	1.00
Cond. ³													
3 Years													
3 Years ³													

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Lankenau Hospital - Wynnewood PA
Provider Number 390195 (PALH)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		5	100.0	62572	100.0
Donor Type	Living	1	20.0	14525	23.2
	Cadaveric: Stroke	1	20.0	15624	25.0
	Cadaveric: MVA	1	20.0	13317	21.3
	Cadaveric: Other	2	40.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	0	0.0	10738	17.2
	18-30	0	0.0	19464	31.1
	31-45	3	60.0	18538	29.6
	46-60	2	40.0	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	4	80.0	49654	79.4
	Black	1	20.0	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	3	60.0	25808	41.2
	Male	2	40.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	1	20.0	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	0	0.0	5889	9.4
	Cadaveric: 12-21	0	0.0	16112	25.7
	Cadaveric: 22-31	4	80.0	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	0	0.0	5935	9.5
	1	0	0.0	3484	5.6
	2	0	0.0	9648	15.4
	3	3	60.0	16005	25.6
	4	0	0.0	14003	22.4
	5	2	40.0	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	1	20.0	20414	32.6
	36-45	1	20.0	16397	26.2
	46-60	1	20.0	17170	27.4
	61+	2	40.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	3	60.0	41213	65.9
	Black	2	40.0	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	1	20.0	25078	40.1
	Male	4	80.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	5	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	5	100.0	54138	86.5
	Yes	0	0.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	3	60.0	19677	31.4
	1-5	1	20.0	23207	37.1
	6-10	1	20.0	5736	9.2
	11+	0	0.0	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	3	60.0	20469	32.7
	1- 19	1	20.0	26645	42.6
	20- 79	1	20.0	9976	15.9
	80-100	0	0.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	0	0.0	11726	18.7
	21-25	1	20.0	23821	38.1
	26-30	2	40.0	12454	19.9
	31+	1	20.0	5762	9.2
	Not Reported	1	20.0	8809	14.1
Primary Kidney Disease	Glomerular	0	0.0	16923	27.0
	Cystic/Congenital	0	0.0	7349	11.7
	Systemic	2	40.0	11759	18.8
	Tubulointerstitial	0	0.0	4233	6.8
	Diabetes	2	40.0	14059	22.5
	Other Diagnosis	0	0.0	5271	8.4
	Not Reported	1	20.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	5	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	0	0.0	10077	16.1
	1992	0	0.0	10157	16.2
	1993-1994	5	100.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	0	0.0	5716	9.1
	No	0	0.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	0	0.0	7249	11.6
	N/A*: No	5	100.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	0	0.0	13559	21.7
	No	0	0.0	19634	31.4
	N/A*: Yes	3	60.0	12277	19.6
	N/A*: No	2	40.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Lehigh Valley Hospital - Allentown PA
Provider Number 390133 (PALV)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	10	100.0	89.2	40	94.9	90.7	50	49	2	95.9	90.4	5.6	0.18
1 Year	10	100.0	83.5	40	94.8	86.0	50	48	2	95.9	85.5	10.4	0.03*
Cond. ³ 3 Years	10	100.0	93.4				10	8	0	100.0	93.4	6.6	0.41
3 Years ³		100.0	78.0										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	10	100.0	96.6	40	97.4	97.9	50	47.5	1.0	97.9	97.6	0.3	0.92
1 Year	10	100.0	93.0	40	97.3	95.6	50	46.5	1.0	97.9	95.0	2.8	0.37
Cond. ³ 3 Years	10	89.3	93.4				10	8.5	1.0	89.3	93.4	-4.1	0.60
3 Years ³		89.3	86.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Lehigh Valley Hospital - Allentown PA
Provider Number 390133 (PALV)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		50	100.0	62572	100.0
Donor Type	Living	10	20.0	14525	23.2
	Cadaveric: Stroke	18	36.0	15624	25.0
	Cadaveric: MVA	12	24.0	13317	21.3
	Cadaveric: Other	10	20.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	10	20.0	10738	17.2
	18-30	14	28.0	19464	31.1
	31-45	13	26.0	18538	29.6
	46-60	7	14.0	11397	18.2
	61+	6	12.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	44	88.0	49654	79.4
	Black	6	12.0	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	20	40.0	25808	41.2
	Male	30	60.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	0	0.0	10970	17.5
	Living: 3-5	8	16.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	6	12.0	5889	9.4
	Cadaveric: 12-21	21	42.0	16112	25.7
	Cadaveric: 22-31	9	18.0	14287	22.8
	Cadaveric: 32-41	1	2.0	7669	12.3
	Cadaveric: 42+	2	4.0	2519	4.0
	Not Reported	3	6.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	8	16.0	5935	9.5
	1	5	10.0	3484	5.6
	2	9	18.0	9648	15.4
	3	15	30.0	16005	25.6
	4	11	22.0	14003	22.4
	5	2	4.0	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	1	2.0	3951	6.3
	18-35	16	32.0	20414	32.6
	36-45	18	36.0	16397	26.2
	46-60	11	22.0	17170	27.4
	61+	4	8.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	40	80.0	41213	65.9
	Black	5	10.0	12675	20.3
	Hispanic	3	6.0	5632	9.0
	Asian	1	2.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	1	2.0	81	0.1
Recipient Gender	Female	19	38.0	25078	40.1
	Male	31	62.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	50	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	45	90.0	54138	86.5
	Yes	5	10.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	7	14.0	19677	31.4
	1-5	14	28.0	23207	37.1
	6-10	2	4.0	5736	9.2
	11+	2	4.0	5280	8.4
	Not Reported	25	50.0	8672	13.9
Peak PRA Prior to Transplant	0	38	76.0	20469	32.7
	1- 19	4	8.0	26645	42.6
	20- 79	2	4.0	9976	15.9
	80-100	5	10.0	4277	6.8
	Not Reported	1	2.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	7	14.0	11726	18.7
	21-25	29	58.0	23821	38.1
	26-30	10	20.0	12454	19.9
	31+	3	6.0	5762	9.2
	Not Reported	1	2.0	8809	14.1
Primary Kidney Disease	Glomerular	17	34.0	16923	27.0
	Cystic/Congenital	11	22.0	7349	11.7
	Systemic	7	14.0	11759	18.8
	Tubulointerstitial	4	8.0	4233	6.8
	Diabetes	8	16.0	14059	22.5
	Other Diagnosis	2	4.0	5271	8.4
	Not Reported	1	2.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	50	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	5	10.0	10077	16.1
	1992	18	36.0	10157	16.2
	1993-1994	27	54.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	3	6.0	5716	9.1
	No	7	14.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	2	4.0	7249	11.6
	N/A*: No	38	76.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	5	10.0	13559	21.7
	No	5	10.0	19634	31.4
	N/A*: Yes	15	30.0	12277	19.6
	N/A*: No	25	50.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Lehigh Valley Hospital
Cedar Crest & I-78, Allentown, PA 18105
Provider Number 390133 (PALV)**

May 8, 1997

The Lehigh Valley Transplant Program performed its first transplant in July 1991. Results of 50 procedures are included in this report. The program has enjoyed steady growth and has now performed 129 transplants. The overall patient and graft survival through December 31, 1996 is 96% and 86% respectively.

While this report reflects the overall excellent outcomes at Lehigh Valley Hospital, the conditional statistics on patient survival are somewhat skewed because of the small number of patients (10) included. A single patient death with a functioning kidney occurred at 26 months post-transplant due to ischemic cardiomyopathy, providing a result below the predicted norm.

The Lehigh Valley Transplant Program has a strong commitment to individualized patient care and is dedicated to providing outcomes equal to or better than those at the major centers.

Craig R. Reckard, M.D.
Chief, Transplant Services



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of Pittsburgh Medical Center - Pittsburgh PA
Provider Number 390164 (PAPT)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	854	84.8	82.5	354	93.8	87.5	1208	1204	151	87.5	84.0	3.5	<0.01*
1 Year	854	77.4	75.8	354	89.8	81.3	1208	1202	228	81.1	77.4	3.6	<0.01*
Cond. ³ 3 Years	653	88.9	89.8				653	622	71	88.9	89.8	-0.9	0.42
3 Years ³		68.8	68.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	812	97.0	96.0	353	99.1	96.7	1142	1116.8	26.5	97.6	96.2	1.4	<0.01*
1 Year	812	92.9	92.2	353	96.8	92.8	1142	1107.3	66.0	94.1	92.4	1.7	0.02*
Cond. ³ 3 Years	746	93.1	93.0				746	711.5	50.0	93.1	93.0	0.1	0.93
3 Years ³		86.5	85.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of Pittsburgh Medical Center - Pittsburgh PA
Provider Number 390164 (PAPT)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		1208	100.0	62572	100.0
Donor Type	Living	100	8.3	14525	23.2
	Cadaveric: Stroke	399	33.0	15624	25.0
	Cadaveric: MVA	260	21.5	13317	21.3
	Cadaveric: Other	448	37.1	19030	30.4
	Not Reported	1	0.1	76	0.1
Donor Age	0-17	344	28.5	10738	17.2
	18-30	261	21.6	19464	31.1
	31-45	273	22.6	18538	29.6
	46-60	244	20.2	11397	18.2
	61+	85	7.0	2394	3.8
	Not Reported	1	0.1	41	0.1
Donor Race	White	1071	88.7	49654	79.4
	Black	88	7.3	6469	10.3
	Hispanic	45	3.7	4943	7.9
	Asian	3	0.2	801	1.3
	Other	1	0.1	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	490	40.6	25808	41.2
	Male	718	59.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	97	8.0	10970	17.5
	Living: 3-5	2	0.2	640	1.0
	Living: 6+	1	0.1	551	0.9
	Cadaveric: 0-11	53	4.4	5889	9.4
	Cadaveric: 12-21	147	12.2	16112	25.7
	Cadaveric: 22-31	389	32.2	14287	22.8
	Cadaveric: 32-41	282	23.3	7669	12.3
	Cadaveric: 42+	236	19.5	2519	4.0
	Not Reported	1	0.1	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	74	6.1	5935	9.5
	1	78	6.5	3484	5.6
	2	175	14.5	9648	15.4
	3	308	25.5	16005	25.6
	4	310	25.7	14003	22.4
	5	160	13.2	8963	14.3
	6	52	4.3	3009	4.8
	Not Reported	51	4.2	1525	2.4
Recipient Age	0-17	39	3.2	3951	6.3
	18-35	396	32.8	20414	32.6
	36-45	322	26.7	16397	26.2
	46-60	321	26.6	17170	27.4
	61+	130	10.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	985	81.5	41213	65.9
	Black	155	12.8	12675	20.3
	Hispanic	28	2.3	5632	9.0
	Asian	13	1.1	1740	2.8
	Other	27	2.2	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	476	39.4	25078	40.1
	Male	732	60.6	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	1206	99.8	59783	95.5
	Kidney and Pancreas	2	0.2	2789	4.5
Previous Kidney Transplant	No	883	73.1	54138	86.5
	Yes	325	26.9	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	582	48.2	19677	31.4
	1-5	468	38.7	23207	37.1
	6-10	72	6.0	5736	9.2
	11+	84	7.0	5280	8.4
	Not Reported	2	0.2	8672	13.9
Peak PRA Prior to Transplant	0	140	11.6	20469	32.7
	1- 19	693	57.4	26645	42.6
	20- 79	246	20.4	9976	15.9
	80-100	129	10.7	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	269	22.3	11726	18.7
	21-25	537	44.5	23821	38.1
	26-30	250	20.7	12454	19.9
	31+	131	10.8	5762	9.2
	Not Reported	21	1.7	8809	14.1
Primary Kidney Disease	Glomerular	304	25.2	16923	27.0
	Cystic/Congenital	138	11.4	7349	11.7
	Systemic	208	17.2	11759	18.8
	Tubulointerstitial	82	6.8	4233	6.8
	Diabetes	274	22.7	14059	22.5
	Other Diagnosis	110	9.1	5271	8.4
	Not Reported	92	7.6	2978	4.8
Recipient Description at Transplant	Not Hospitalized	905	74.9	59280	94.7
	Hospitalized	290	24.0	1917	3.1
	ICU/Life Support	12	1.0	469	0.7
	Not Reported	1	0.1	906	1.4
Year of Transplant	1988	208	17.2	9021	14.4
	1989	218	18.0	8951	14.3
	1990	202	16.7	9819	15.7
	1991	153	12.7	10077	16.1
	1992	196	16.2	10157	16.2
	1993-1994	231	19.1	14547	23.2
Dialysis in First Week After Transplant*	Yes	167	13.8	5716	9.1
	No	483	40.0	26528	42.4
	Not Reported	3	0.2	949	1.5
	N/A*: Yes	207	17.1	7249	11.6
	N/A*: No	345	28.6	21509	34.4
	N/A*: Not Reported	3	0.2	621	1.0
Rejection in First 6 Months After Transplant*	Yes	315	26.1	13559	21.7
	No	338	28.0	19634	31.4
	N/A*: Yes	266	22.0	12277	19.6
	N/A*: No	289	23.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: University of Pittsburgh Medical Center
200 Lothrop Street, Pittsburgh, PA 15213
Provider Number 390164 (PAPT)**

May 8, 1997

The University of Pittsburgh kidney transplant program is one of the top ten kidney transplant programs in the United States, performing approximately 200 kidney transplants each year. This program is comprised of the adult kidney transplant program centered at the University of Pittsburgh Medical Center, and the pediatric kidney transplant program at the Children's Hospital of Pittsburgh. Both kidney transplant programs are comprised of the full spectrum of surgical, nephrologic, nursing, psychosocial, and other specialists, that are available 24 hours a day, 365 days a year. Both cadaveric and living related kidney transplants are offered as well as complex multiple organ transplantation, including kidney/pancreas transplantation for juvenile onset diabetics.

The characteristics of the patients transplanted at the University of Pittsburgh Medical Center reflect the nature of philosophy of our program, that is, to provide transplant services to all who will benefit, including those patients who are considered as being high risk. Thus the patients transplanted at this center reflect a larger percentage of: older patients; patients who are highly sensitized (e.g. PRA>20%); and patients who have received previous kidney transplants. While the results obtained at this center in the cyclosporine era (ERA 1) reflect results that are above the expected outcomes, advances in immunosuppression, pioneered at the University of Pittsburgh, with the use of tacrolimus based immunosuppression, have led to even better outcomes (ERA 2). We believe that long term results will bear out the utility of our approach to kidney transplantation. The statistically significantly better patient and graft survival reflect the commitment of this program to enhancing the outcomes of transplantation for all patients.

We advise the public to be cautious in relying on only survival figures when comparing center outcomes. Besides being based on data that is already several years old, these figures do not take into consideration all pertinent risk factors, such as the medical risk factors of kidney transplant recipients. We invite patients and their families to discuss with us in detail the probability of successful outcome after kidney transplantation for any given individual.

John J. Fung, M.D., Ph.D.
Program Director



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for St Christopher's Hospital for Children - Philadelphia PA
Provider Number 393301 (PASC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	84	88.1	85.5	24	87.5	89.9	108	108	13	88.0	86.5	1.5	0.64
1 Year	84	84.5	79.8	24	87.5	85.3	108	107	16	85.2	81.0	4.1	0.25
Cond. ³ 3 Years	70	89.5	86.5				70	64	7	89.5	86.5	3.0	0.46
3 Years ³		75.7	69.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	76	98.0	98.5	24	100.0	99.0	99	99.0	1.5	98.5	98.6	-0.1	0.90
1 Year	76	97.3	97.0	24	100.0	97.9	99	97.5	2.0	98.0	97.2	0.8	0.64
Cond. ³ 3 Years	73	97.1	97.8				73	64.0	2.0	97.1	97.8	-0.7	0.68
3 Years ³		94.5	94.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

St Christopher's Hospital for Children - Philadelphia PA
Provider Number 393301 (PASC)

		---- Program----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		108	100.0	62572	100.0
Donor Type	Living	36	33.3	14525	23.2
	Cadaveric: Stroke	17	15.7	15624	25.0
	Cadaveric: MVA	35	32.4	13317	21.3
	Cadaveric: Other	20	18.5	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	33	30.6	10738	17.2
	18-30	26	24.1	19464	31.1
	31-45	40	37.0	18538	29.6
	46-60	9	8.3	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	87	80.6	49654	79.4
	Black	16	14.8	6469	10.3
	Hispanic	5	4.6	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	44	40.7	25808	41.2
	Male	64	59.3	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	36	33.3	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	9	8.3	5889	9.4
	Cadaveric: 12-21	21	19.4	16112	25.7
	Cadaveric: 22-31	37	34.3	14287	22.8
	Cadaveric: 32-41	4	3.7	7669	12.3
	Cadaveric: 42+	1	0.9	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	5	4.6	5935	9.5
	1	5	4.6	3484	5.6
	2	18	16.7	9648	15.4
	3	37	34.3	16005	25.6
	4	21	19.4	14003	22.4
	5	16	14.8	8963	14.3
	6	5	4.6	3009	4.8
	Not Reported	1	0.9	1525	2.4
Recipient Age	0-17	100	92.6	3951	6.3
	18-35	8	7.4	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	69	63.9	41213	65.9
	Black	29	26.9	12675	20.3
	Hispanic	7	6.5	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	3	2.8	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	32	29.6	25078	40.1
	Male	76	70.4	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	108	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	85	78.7	54138	86.5
	Yes	23	21.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	0	0.0	19677	31.4
	1-5	76	70.4	23207	37.1
	6-10	13	12.0	5736	9.2
	11+	19	17.6	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	9	8.3	20469	32.7
	1- 19	51	47.2	26645	42.6
	20- 79	42	38.9	9976	15.9
	80-100	6	5.6	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	77	71.3	11726	18.7
	21-25	18	16.7	23821	38.1
	26-30	8	7.4	12454	19.9
	31+	4	3.7	5762	9.2
	Not Reported	1	0.9	8809	14.1
Primary Kidney Disease	Glomerular	24	22.2	16923	27.0
	Cystic/Congenital	33	30.6	7349	11.7
	Systemic	8	7.4	11759	18.8
	Tubulointerstitial	25	23.1	4233	6.8
	Diabetes	1	0.9	14059	22.5
	Other Diagnosis	13	12.0	5271	8.4
	Not Reported	4	3.7	2978	4.8
Recipient Description at Transplant	Not Hospitalized	107	99.1	59280	94.7
	Hospitalized	1	0.9	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	20	18.5	9021	14.4
	1989	15	13.9	8951	14.3
	1990	20	18.5	9819	15.7
	1991	25	23.1	10077	16.1
	1992	12	11.1	10157	16.2
	1993-1994	16	14.8	14547	23.2
Dialysis in First Week After Transplant*	Yes	7	6.5	5716	9.1
	No	62	57.4	26528	42.4
	Not Reported	1	0.9	949	1.5
	N/A*: Yes	6	5.6	7249	11.6
	N/A*: No	32	29.6	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	25	23.1	13559	21.7
	No	45	41.7	19634	31.4
	N/A*: Yes	22	20.4	12277	19.6
	N/A*: No	16	14.8	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Thomas Jefferson University Hospital - Philadelphia PA
Provider Number 390174 (PATJ)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	307	85.7	86.5	145	85.5	88.5	452	452	65	85.6	87.2	-1.5	0.31
1 Year	307	79.8	80.3	145	81.4	82.4	452	451	89	80.3	81.0	-0.7	0.71
Cond. ³ 3 Years	243	90.8	90.2				243	236	22	90.8	90.2	0.6	0.76
3 Years ³		72.4	72.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	302	99.7	96.6	144	96.7	97.0	441	434.0	5.5	98.7	96.8	2.0	0.02*
1 Year	302	97.6	93.5	144	93.7	93.6	441	428.0	15.5	96.4	93.6	2.8	0.01*
Cond. ³ 3 Years	291	94.4	93.7				291	276.5	16.0	94.4	93.7	0.7	0.64
3 Years ³		92.1	87.6										

Notes: ¹. No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

². A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³. Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴. The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵. No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Thomas Jefferson University Hospital - Philadelphia PA
Provider Number 390174 (PATJ)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		452	100.0	62572	100.0
Donor Type	Living	66	14.6	14525	23.2
	Cadaveric: Stroke	180	39.8	15624	25.0
	Cadaveric: MVA	87	19.2	13317	21.3
	Cadaveric: Other	117	25.9	19030	30.4
	Not Reported	2	0.4	76	0.1
Donor Age	0-17	66	14.6	10738	17.2
	18-30	121	26.8	19464	31.1
	31-45	99	21.9	18538	29.6
	46-60	124	27.4	11397	18.2
	61+	42	9.3	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	377	83.4	49654	79.4
	Black	53	11.7	6469	10.3
	Hispanic	13	2.9	4943	7.9
	Asian	6	1.3	801	1.3
	Other	3	0.7	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	188	41.6	25808	41.2
	Male	264	58.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	64	14.2	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	0.2	551	0.9
	Cadaveric: 0-11	31	6.9	5889	9.4
	Cadaveric: 12-21	59	13.1	16112	25.7
	Cadaveric: 22-31	186	41.2	14287	22.8
	Cadaveric: 32-41	88	19.5	7669	12.3
	Cadaveric: 42+	12	2.7	2519	4.0
	Not Reported	11	2.4	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	52	11.5	5935	9.5
	1	28	6.2	3484	5.6
	2	77	17.0	9648	15.4
	3	119	26.3	16005	25.6
	4	94	20.8	14003	22.4
	5	59	13.1	8963	14.3
	6	20	4.4	3009	4.8
	Not Reported	3	0.7	1525	2.4
Recipient Age	0-17	2	0.4	3951	6.3
	18-35	128	28.3	20414	32.6
	36-45	122	27.0	16397	26.2
	46-60	156	34.5	17170	27.4
	61+	44	9.7	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	304	67.3	41213	65.9
	Black	119	26.3	12675	20.3
	Hispanic	13	2.9	5632	9.0
	Asian	3	0.7	1740	2.8
	Other	12	2.7	1231	2.0
	Not Reported	1	0.2	81	0.1
Recipient Gender	Female	190	42.0	25078	40.1
	Male	262	58.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	452	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	384	85.0	54138	86.5
	Yes	68	15.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	137	30.3	19677	31.4
	1-5	102	22.6	23207	37.1
	6-10	47	10.4	5736	9.2
	11+	57	12.6	5280	8.4
	Not Reported	109	24.1	8672	13.9
Peak PRA Prior to Transplant	0	141	31.2	20469	32.7
	1- 19	199	44.0	26645	42.6
	20- 79	75	16.6	9976	15.9
	80-100	35	7.7	4277	6.8
	Not Reported	2	0.4	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	5	1.1	11726	18.7
	21-25	13	2.9	23821	38.1
	26-30	7	1.5	12454	19.9
	31+	3	0.7	5762	9.2
	Not Reported	424	93.8	8809	14.1
Primary Kidney Disease	Glomerular	137	30.3	16923	27.0
	Cystic/Congenital	56	12.4	7349	11.7
	Systemic	99	21.9	11759	18.8
	Tubulointerstitial	39	8.6	4233	6.8
	Diabetes	85	18.8	14059	22.5
	Other Diagnosis	26	5.8	5271	8.4
	Not Reported	10	2.2	2978	4.8
Recipient Description at Transplant	Not Hospitalized	446	98.7	59280	94.7
	Hospitalized	3	0.7	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	3	0.7	906	1.4
Year of Transplant	1988	85	18.8	9021	14.4
	1989	55	12.2	8951	14.3
	1990	72	15.9	9819	15.7
	1991	77	17.0	10077	16.1
	1992	69	15.3	10157	16.2
	1993-1994	94	20.8	14547	23.2
Dialysis in First Week After Transplant*	Yes	66	14.6	5716	9.1
	No	168	37.2	26528	42.4
	Not Reported	9	2.0	949	1.5
	N/A*: Yes	88	19.5	7249	11.6
	N/A*: No	118	26.1	21509	34.4
	N/A*: Not Reported	3	0.7	621	1.0
Rejection in First 6 Months After Transplant*	Yes	106	23.5	13559	21.7
	No	137	30.3	19634	31.4
	N/A*: Yes	101	22.3	12277	19.6
	N/A*: No	108	23.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4 92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Temple University Hospital - Philadelphia PA
Provider Number 390027 (PATU)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	35	97.1	88.0	20	85.0	89.1	55	55	4	92.7	88.4	4.3	0.31
1 Year	35	94.2	81.9	20	85.0	83.6	55	54	5	90.8	82.6	8.3	0.10
Cond. ³ 3 Years	32	96.8	88.6				32	31	1	96.8	88.6	8.2	0.14
3 Years ³		91.2	72.6										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	34	100.0	97.5	20	89.5	97.7	53	52.5	2.0	96.2	97.5	-1.4	0.53
1 Year	34	100.0	94.9	20	84.2	94.9	53	51.5	3.0	94.2	94.9	-0.7	0.83
Cond. ³ 3 Years	33	97.0	94.5				33	33.0	1.0	97.0	94.5	2.4	0.53
3 Years ³		97.0	89.7										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Temple University Hospital - Philadelphia PA
Provider Number 390027 (PATU)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		55	100.0	62572	100.0
Donor Type	Living	15	27.3	14525	23.2
	Cadaveric: Stroke	16	29.1	15624	25.0
	Cadaveric: MVA	8	14.5	13317	21.3
	Cadaveric: Other	15	27.3	19030	30.4
	Not Reported	1	1.8	76	0.1
Donor Age	0-17	6	10.9	10738	17.2
	18-30	17	30.9	19464	31.1
	31-45	21	38.2	18538	29.6
	46-60	8	14.5	11397	18.2
	61+	3	5.5	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	37	67.3	49654	79.4
	Black	12	21.8	6469	10.3
	Hispanic	5	9.1	4943	7.9
	Asian	0	0.0	801	1.3
	Other	1	1.8	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	26	47.3	25808	41.2
	Male	29	52.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	15	27.3	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	4	7.3	5889	9.4
	Cadaveric: 12-21	14	25.5	16112	25.7
	Cadaveric: 22-31	17	30.9	14287	22.8
	Cadaveric: 32-41	3	5.5	7669	12.3
	Cadaveric: 42+	2	3.6	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	3	5.5	5935	9.5
	1	3	5.5	3484	5.6
	2	8	14.5	9648	15.4
	3	8	14.5	16005	25.6
	4	9	16.4	14003	22.4
	5	15	27.3	8963	14.3
	6	8	14.5	3009	4.8
	Not Reported	1	1.8	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	15	27.3	20414	32.6
	36-45	17	30.9	16397	26.2
	46-60	21	38.2	17170	27.4
	61+	2	3.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	20	36.4	41213	65.9
	Black	30	54.5	12675	20.3
	Hispanic	3	5.5	5632	9.0
	Asian	2	3.6	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	32	58.2	25078	40.1
	Male	23	41.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	55	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	51	92.7	54138	86.5
	Yes	4	7.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	18	32.7	19677	31.4
	1-5	20	36.4	23207	37.1
	6-10	12	21.8	5736	9.2
	11+	4	7.3	5280	8.4
	Not Reported	1	1.8	8672	13.9
Peak PRA Prior to Transplant	0	1	1.8	20469	32.7
	1- 19	34	61.8	26645	42.6
	20- 79	11	20.0	9976	15.9
	80-100	8	14.5	4277	6.8
	Not Reported	1	1.8	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	7	12.7	11726	18.7
	21-25	21	38.2	23821	38.1
	26-30	17	30.9	12454	19.9
	31+	8	14.5	5762	9.2
	Not Reported	2	3.6	8809	14.1
Primary Kidney Disease	Glomerular	14	25.5	16923	27.0
	Cystic/Congenital	5	9.1	7349	11.7
	Systemic	20	36.4	11759	18.8
	Tubulointerstitial	3	5.5	4233	6.8
	Diabetes	9	16.4	14059	22.5
	Other Diagnosis	2	3.6	5271	8.4
	Not Reported	2	3.6	2978	4.8
Recipient Description at Transplant	Not Hospitalized	53	96.4	59280	94.7
	Hospitalized	2	3.6	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	2	3.6	8951	14.3
	1990	11	20.0	9819	15.7
	1991	17	30.9	10077	16.1
	1992	8	14.5	10157	16.2
	1993-1994	17	30.9	14547	23.2
Dialysis in First Week After Transplant*	Yes	4	7.3	5716	9.1
	No	28	50.9	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	4	7.3	7249	11.6
	N/A*: No	19	34.5	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	18	32.7	13559	21.7
	No	14	25.5	19634	31.4
	N/A*: Yes	7	12.7	12277	19.6
	N/A*: No	16	29.1	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Hospital of University of Pennsylvania - Philadelphia PA
Provider Number 390111 (PAUP)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	503	85.5	88.2	239	91.9	90.2	742	736	92	87.5	88.8	-1.3	0.24
1 Year	503	81.9	82.7	239	85.1	84.7	742	638	120	82.8	83.3	-0.5	0.72
Cond. ³ 3 Years	385	91.7	91.1				385	289	28	91.7	91.1	0.6	0.70
3 Years ³		75.1	75.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	493	97.5	97.1	238	97.3	97.7	721	688.5	18.0	97.4	97.3	0.1	0.82
1 Year	493	96.3	94.4	238	94.2	94.8	721	570.5	28.0	95.7	94.5	1.1	0.20
Cond. ³ 3 Years	415	97.7	94.8				415	296.0	8.0	97.7	94.8	2.9	0.01*
3 Years ³		94.1	89.5										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Hospital of University of Pennsylvania - Philadelphia PA
Provider Number 390111 (PAUP)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		742	100.0	62572	100.0
Donor Type	Living	252	34.0	14525	23.2
	Cadaveric: Stroke	186	25.1	15624	25.0
	Cadaveric: MVA	126	17.0	13317	21.3
	Cadaveric: Other	176	23.7	19030	30.4
	Not Reported	2	0.3	76	0.1
Donor Age	0-17	96	12.9	10738	17.2
	18-30	214	28.8	19464	31.1
	31-45	221	29.8	18538	29.6
	46-60	171	23.0	11397	18.2
	61+	40	5.4	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	603	81.3	49654	79.4
	Black	106	14.3	6469	10.3
	Hispanic	20	2.7	4943	7.9
	Asian	6	0.8	801	1.3
	Other	7	0.9	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	324	43.7	25808	41.2
	Male	418	56.3	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	160	21.6	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	0.1	551	0.9
	Cadaveric: 0-11	24	3.2	5889	9.4
	Cadaveric: 12-21	72	9.7	16112	25.7
	Cadaveric: 22-31	206	27.8	14287	22.8
	Cadaveric: 32-41	127	17.1	7669	12.3
	Cadaveric: 42+	13	1.8	2519	4.0
	Not Reported	139	18.7	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	96	12.9	5935	9.5
	1	42	5.7	3484	5.6
	2	111	15.0	9648	15.4
	3	193	26.0	16005	25.6
	4	147	19.8	14003	22.4
	5	114	15.4	8963	14.3
	6	30	4.0	3009	4.8
	Not Reported	9	1.2	1525	2.4
Recipient Age	0-17	12	1.6	3951	6.3
	18-35	282	38.0	20414	32.6
	36-45	206	27.8	16397	26.2
	46-60	204	27.5	17170	27.4
	61+	38	5.1	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	540	72.8	41213	65.9
	Black	174	23.5	12675	20.3
	Hispanic	17	2.3	5632	9.0
	Asian	3	0.4	1740	2.8
	Other	7	0.9	1231	2.0
	Not Reported	1	0.1	81	0.1
Recipient Gender	Female	304	41.0	25078	40.1
	Male	438	59.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	681	91.8	59783	95.5
	Kidney and Pancreas	61	8.2	2789	4.5
Previous Kidney Transplant	No	641	86.4	54138	86.5
	Yes	95	12.8	8247	13.2
	Not Reported	6	0.8	187	0.3
Pretransplant Transfusions	0	206	27.8	19677	31.4
	1-5	232	31.3	23207	37.1
	6-10	91	12.3	5736	9.2
	11+	75	10.1	5280	8.4
	Not Reported	138	18.6	8672	13.9
Peak PRA Prior to Transplant	0	401	54.0	20469	32.7
	1- 19	145	19.5	26645	42.6
	20- 79	127	17.1	9976	15.9
	80-100	67	9.0	4277	6.8
	Not Reported	2	0.3	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	133	17.9	11726	18.7
	21-25	322	43.4	23821	38.1
	26-30	174	23.5	12454	19.9
	31+	86	11.6	5762	9.2
	Not Reported	27	3.6	8809	14.1
Primary Kidney Disease	Glomerular	221	29.8	16923	27.0
	Cystic/Congenital	79	10.6	7349	11.7
	Systemic	128	17.3	11759	18.8
	Tubulointerstitial	64	8.6	4233	6.8
	Diabetes	163	22.0	14059	22.5
	Other Diagnosis	59	8.0	5271	8.4
	Not Reported	28	3.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	724	97.6	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	2	0.3	469	0.7
	Not Reported	16	2.2	906	1.4
Year of Transplant	1988	113	15.2	9021	14.4
	1989	120	16.2	8951	14.3
	1990	113	15.2	9819	15.7
	1991	110	14.8	10077	16.1
	1992	128	17.3	10157	16.2
	1993-1994	158	21.3	14547	23.2
Dialysis in First Week After Transplant*	Yes	87	11.7	5716	9.1
	No	285	38.4	26528	42.4
	Not Reported	13	1.8	949	1.5
	N/A*: Yes	114	15.4	7249	11.6
	N/A*: No	231	31.1	21509	34.4
	N/A*: Not Reported	12	1.6	621	1.0
Rejection in First 6 Months After Transplant*	Yes	139	18.7	13559	21.7
	No	246	33.2	19634	31.4
	N/A*: Yes	153	20.6	12277	19.6
	N/A*: No	204	27.5	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Auxilio Mutuo Hospital - Hato Rey PR
Provider Number 400016 (PRSJ)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	150	92.0	92.2	70	91.4	93.7	220	220	18	91.8	92.7	-0.9	0.61
1 Year	150	88.0	88.6	70	84.3	90.5	220	220	29	86.8	89.2	-2.4	0.24
Cond. ³ 3 Years	132	92.1	92.3				132	122	10	92.1	92.3	-0.2	0.93
3 Years ³		81.1	81.8										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	149	96.6	98.7	70	100.0	99.0	219	216.5	5.0	97.7	98.8	-1.1	0.14
1 Year	149	93.3	97.1	70	98.5	97.7	219	213.5	11.0	94.9	97.3	-2.3	0.03*
Cond. ³ 3 Years	138	94.8	97.2				138	130.5	7.0	94.8	97.2	-2.4	0.08
3 Years ³		88.4	94.4										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Auxilio Mutuo Hospital - Hato Rey PR
Provider Number 400016 (PRSJ)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		220	100.0	62572	100.0
Donor Type	Living	144	65.5	14525	23.2
	Cadaveric: Stroke	17	7.7	15624	25.0
	Cadaveric: MVA	31	14.1	13317	21.3
	Cadaveric: Other	28	12.7	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	34	15.5	10738	17.2
	18-30	78	35.5	19464	31.1
	31-45	70	31.8	18538	29.6
	46-60	34	15.5	11397	18.2
	61+	4	1.8	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	55	25.0	49654	79.4
	Black	6	2.7	6469	10.3
	Hispanic	159	72.3	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	122	55.5	25808	41.2
	Male	98	44.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	99	45.0	10970	17.5
	Living: 3-5	1	0.5	640	1.0
	Living: 6+	35	15.9	551	0.9
	Cadaveric: 0-11	8	3.6	5889	9.4
	Cadaveric: 12-21	20	9.1	16112	25.7
	Cadaveric: 22-31	24	10.9	14287	22.8
	Cadaveric: 32-41	15	6.8	7669	12.3
	Cadaveric: 42+	7	3.2	2519	4.0
	Not Reported	11	5.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	17	7.7	5935	9.5
	1	16	7.3	3484	5.6
	2	50	22.7	9648	15.4
	3	60	27.3	16005	25.6
	4	37	16.8	14003	22.4
	5	21	9.5	8963	14.3
	6	3	1.4	3009	4.8
	Not Reported	16	7.3	1525	2.4
Recipient Age	0-17	22	10.0	3951	6.3
	18-35	79	35.9	20414	32.6
	36-45	71	32.3	16397	26.2
	46-60	44	20.0	17170	27.4
	61+	4	1.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	36	16.4	41213	65.9
	Black	6	2.7	12675	20.3
	Hispanic	176	80.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	2	0.9	81	0.1
Recipient Gender	Female	82	37.3	25078	40.1
	Male	138	62.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	220	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	205	93.2	54138	86.5
	Yes	15	6.8	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	62	28.2	19677	31.4
	1-5	92	41.8	23207	37.1
	6-10	12	5.5	5736	9.2
	11+	5	2.3	5280	8.4
	Not Reported	49	22.3	8672	13.9
Peak PRA Prior to Transplant	0	29	13.2	20469	32.7
	1- 19	38	17.3	26645	42.6
	20- 79	32	14.5	9976	15.9
	80-100	12	5.5	4277	6.8
	Not Reported	109	49.5	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	45	20.5	11726	18.7
	21-25	103	46.8	23821	38.1
	26-30	43	19.5	12454	19.9
	31+	24	10.9	5762	9.2
	Not Reported	5	2.3	8809	14.1
Primary Kidney Disease	Glomerular	76	34.5	16923	27.0
	Cystic/Congenital	15	6.8	7349	11.7
	Systemic	61	27.7	11759	18.8
	Tubulointerstitial	19	8.6	4233	6.8
	Diabetes	24	10.9	14059	22.5
	Other Diagnosis	24	10.9	5271	8.4
	Not Reported	1	0.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	211	95.9	59280	94.7
	Hospitalized	6	2.7	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	3	1.4	906	1.4
Year of Transplant	1988	30	13.6	9021	14.4
	1989	34	15.5	8951	14.3
	1990	35	15.9	9819	15.7
	1991	36	16.4	10077	16.1
	1992	38	17.3	10157	16.2
	1993-1994	47	21.4	14547	23.2
Dialysis in First Week After Transplant*	Yes	22	10.0	5716	9.1
	No	105	47.7	26528	42.4
	Not Reported	5	2.3	949	1.5
	N/A*: Yes	26	11.8	7249	11.6
	N/A*: No	62	28.2	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	16	7.3	13559	21.7
	No	116	52.7	19634	31.4
	N/A*: Yes	16	7.3	12277	19.6
	N/A*: No	72	32.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

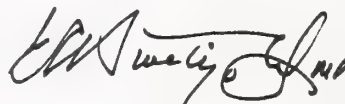
**Response From: Auxilio Mutuo Hospital
Pounce De Leon Avenue, San Juan PR 00919
Provider Number 400016 (PRSJ)**

May 5, 1997

The Puerto Rico Transplant Program has served the renal community of our island commonwealth for twenty years, with clinical, education and research initiatives, and with projections to Latin America because of common language and heritage. Organ donation is gradually improving¹ as it has in many Latin American countries recently².

Our graft survival rate is similar to the expected value nationwide **in spite of** only a minor improvement in non-compliance, which is a well-recognized risk factor in minority groups³, as well as the definition of race: the term "Hispanic" encompasses groups or societies with many different cultures, values, attitudes, education, and importantly, genetic composition. Puerto Rican Hispanics have minimal Native American but a high percentage of African genetic influence⁴. Patient survival is 2 percent under expected value due to the influence of patients who died on dialysis at other hospitals, which were not under our care and which should not be considered transplant deaths⁵, but dialysis deaths. As elsewhere, patient and graft survival in our Program continue to improve.

Eduardo A. Santiago-Delpín, MD
Director, PR Transplant Program



-
- 1 orales-Otero, L. A., Santiago-Delpín, E. A., González, Z., Cruz, N., Pérez, J. O., Rivé-Mora, E., Acosta-Otero, A.,
Transplantation in Hispanics: Five hundred kidney transplants in Puerto Rico. Transpl Proceedings 29: 1590-1593 (1997).
2 antiago-Delpín, E. A., Duro-García, V., Chameh, O., Forty thousand organ transplants in Latin America. Transpl Proceedings
29: 1586-1589 (1997).
3 antiago-Delpín, E. A., How should we retransplant patients after grafts loss due to non-compliance? Transplantation and Clin.
Immunol., in press.
4 antiago-Delpín, E. A., González, Z., Rivé-Mora, E., Amadeo, J. H., Results of living-related kidney transplantation in Puerto
Rico. Transplantation 41: 606-610 (May 1986).
5 atas, A. J., Gillingham, K., J., Sutherland, E. R., Half-life and risk factors for kidney transplant outcome - importance of death
with function. Transplantation 55: 757-761 (1993).

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Medical University of South Carolina - Charleston SC
Provider Number 420004 (SCMU)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	372	85.5	87.4	234	88.9	90.0	606	605	80	86.8	88.4	-1.6	0.20
1 Year	372	77.7	81.0	234	80.7	84.5	606	601	128	78.8	82.3	-3.5	0.02*
Cond. ³ 3 Years	285	82.6	87.6				285	270	48	82.6	87.6	-4.9	0.01*
3 Years ³		64.2	70.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	361	98.6	97.1	229	97.5	97.7	578	573.0	10.5	98.2	97.3	0.8	0.21
1 Year	361	95.5	94.3	229	95.6	95.2	578	565.5	25.5	95.5	94.6	0.9	0.32
Cond. ³ 3 Years	341	94.3	94.4				341	324.0	19.0	94.3	94.4	-0.1	0.92
3 Years ³		90.0	89.0										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Medical University of South Carolina - Charleston SC
Provider Number 420004 (SCMU)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		606	100.0	62572	100.0
Donor Type	Living	110	18.2	14525	23.2
	Cadaveric: Stroke	144	23.8	15624	25.0
	Cadaveric: MVA	164	27.1	13317	21.3
	Cadaveric: Other	188	31.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	129	21.3	10738	17.2
	18-30	193	31.8	19464	31.1
	31-45	167	27.6	18538	29.6
	46-60	104	17.2	11397	18.2
	61+	13	2.1	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	472	77.9	49654	79.4
	Black	119	19.6	6469	10.3
	Hispanic	5	0.8	4943	7.9
	Asian	3	0.5	801	1.3
	Other	7	1.2	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	250	41.3	25808	41.2
	Male	356	58.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	101	16.7	10970	17.5
	Living: 3-5	6	1.0	640	1.0
	Living: 6+	2	0.3	551	0.9
	Cadaveric: 0-11	136	22.4	5889	9.4
	Cadaveric: 12-21	225	37.1	16112	25.7
	Cadaveric: 22-31	115	19.0	14287	22.8
	Cadaveric: 32-41	17	2.8	7669	12.3
	Cadaveric: 42+	3	0.5	2519	4.0
	Not Reported	1	0.2	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	33	5.4	5935	9.5
	1	28	4.6	3484	5.6
	2	86	14.2	9648	15.4
	3	122	20.1	16005	25.6
	4	146	24.1	14003	22.4
	5	106	17.5	8963	14.3
	6	22	3.6	3009	4.8
	Not Reported	63	10.4	1525	2.4
Recipient Age	0-17	52	8.6	3951	6.3
	18-35	191	31.5	20414	32.6
	36-45	176	29.0	16397	26.2
	46-60	155	25.6	17170	27.4
	61+	32	5.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	266	43.9	41213	65.9
	Black	327	54.0	12675	20.3
	Hispanic	3	0.5	5632	9.0
	Asian	2	0.3	1740	2.8
	Other	8	1.3	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	252	41.6	25078	40.1
	Male	354	58.4	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	587	96.9	59783	95.5
	Kidney and Pancreas	19	3.1	2789	4.5
Previous Kidney Transplant	No	540	89.1	54138	86.5
	Yes	66	10.9	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	336	55.4	19677	31.4
	1-5	203	33.5	23207	37.1
	6-10	33	5.4	5736	9.2
	11+	26	4.3	5280	8.4
	Not Reported	8	1.3	8672	13.9
Peak PRA Prior to Transplant	0	137	22.6	20469	32.7
	1- 19	337	55.6	26645	42.6
	20- 79	92	15.2	9976	15.9
	80-100	39	6.4	4277	6.8
	Not Reported	1	0.2	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	136	22.4	11726	18.7
	21-25	245	40.4	23821	38.1
	26-30	145	23.9	12454	19.9
	31+	79	13.0	5762	9.2
	Not Reported	1	0.2	8809	14.1
Primary Kidney Disease	Glomerular	145	23.9	16923	27.0
	Cystic/Congenital	64	10.6	7349	11.7
	Systemic	193	31.8	11759	18.8
	Tubulointerstitial	39	6.4	4233	6.8
	Diabetes	111	18.3	14059	22.5
	Other Diagnosis	37	6.1	5271	8.4
	Not Reported	17	2.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	548	90.4	59280	94.7
	Hospitalized	53	8.7	1917	3.1
	ICU/Life Support	1	0.2	469	0.7
	Not Reported	4	0.7	906	1.4
Year of Transplant	1988	92	15.2	9021	14.4
	1989	66	10.9	8951	14.3
	1990	100	16.5	9819	15.7
	1991	88	14.5	10077	16.1
	1992	112	18.5	10157	16.2
	1993-1994	148	24.4	14547	23.2
Dialysis in First Week After Transplant*	Yes	54	8.9	5716	9.1
	No	221	36.5	26528	42.4
	Not Reported	10	1.7	949	1.5
	N/A*: Yes	112	18.5	7249	11.6
	N/A*: No	203	33.5	21509	34.4
	N/A*: Not Reported	6	1.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	116	19.1	13559	21.7
	No	169	27.9	19634	31.4
	N/A*: Yes	200	33.0	12277	19.6
	N/A*: No	121	20.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

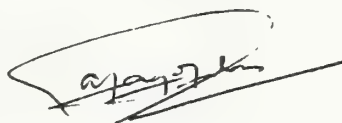
Source: UNOS OPTN/Scientific Registry data.

**Response From: Medical University of South Carolina
171 Ashley Avenue, Charleston, SC 29425
Provider Number 420004 (SCMU)**

May 8, 1997

The Transplant Center at Medical University of South Carolina strives to provide the best quality of care for the citizens of the state. Our center serves a predominantly rural, minority population. During the period analyzed, 54% of our recipients were black while nationally, only 20.3% were black. This racial distribution is a well recognized adverse risk factor for graft survival. This race mix probably accounts for the small difference in overall graft survival noted in this analysis. It should be noted that when the two era's are analyzed separately, there is no statistical significant difference in graft survival between the actual and expected rates (era 1 at 1yr $p=0.4$; era 2 at 1yr $p=0.3$; cond 3yrs eral $p=0.13$). The emphasis at our center has always been to obtain maximal benefit with minimal risk. We will continue to provide the patients of South Carolina, Renal Transplantation with the best possible risk benefit ratio.

P. R. Rajagopalan
Professor of Surgery
Director, Renal Transplantation



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for McKennan Hospital - Sioux Falls SD
Provider Number 430016 (SDMK)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				7	100.0	94.9	7	7	0	100.0	94.9	5.1	0.53
1 Year				7	85.7	92.3	7	7	1	85.7	92.3	-6.6	0.50
Cond. ³ 3 Years													
3 Years ³													

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				7	100.0	98.2	7	6.5	0.0	100.0	98.2	1.8	0.75
1 Year				7	100.0	95.9	7	5.5	0.0	100.0	95.9	4.1	0.64
Cond. ³ 3 Years													
3 Years ³													

- Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.
- ² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.
- ³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.
- ⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.
- ⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

McKenna Hospital - Sioux Falls SD
Provider Number 430016 (SDMK)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		7	100.0	62572	100.0
Donor Type	Living	5	71.4	14525	23.2
	Cadaveric: Stroke	0	0.0	15624	25.0
	Cadaveric: MVA	2	28.6	13317	21.3
	Cadaveric: Other	0	0.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	0	0.0	10738	17.2
	18-30	3	42.9	19464	31.1
	31-45	4	57.1	18538	29.6
	46-60	0	0.0	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	6	85.7	49654	79.4
	Black	0	0.0	6469	10.3
	Hispanic	1	14.3	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	2	28.6	25808	41.2
	Male	5	71.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	5	71.4	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	0	0.0	5889	9.4
	Cadaveric: 12-21	1	14.3	16112	25.7
	Cadaveric: 22-31	1	14.3	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	2	28.6	5935	9.5
	1	0	0.0	3484	5.6
	2	2	28.6	9648	15.4
	3	2	28.6	16005	25.6
	4	1	14.3	14003	22.4
	5	0	0.0	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	3	42.9	20414	32.6
	36-45	1	14.3	16397	26.2
	46-60	3	42.9	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	6	85.7	41213	65.9
	Black	0	0.0	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	1	14.3	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	3	42.9	25078	40.1
	Male	4	57.1	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	7	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	6	85.7	54138	86.5
	Yes	1	14.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	2	28.6	19677	31.4
	1-5	4	57.1	23207	37.1
	6-10	1	14.3	5736	9.2
	11+	0	0.0	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	5	71.4	20469	32.7
	1- 19	1	14.3	26645	42.6
	20- 79	1	14.3	9976	15.9
	80-100	0	0.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	1	14.3	11726	18.7
	21-25	3	42.9	23821	38.1
	26-30	2	28.6	12454	19.9
	31+	1	14.3	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	3	42.9	16923	27.0
	Cystic/Congenital	0	0.0	7349	11.7
	Systemic	2	28.6	11759	18.8
	Tubulointerstitial	0	0.0	4233	6.8
	Diabetes	2	28.6	14059	22.5
	Other Diagnosis	0	0.0	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	7	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	0	0.0	10077	16.1
	1992	0	0.0	10157	16.2
	1993-1994	7	100.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	0	0.0	5716	9.1
	No	0	0.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	1	14.3	7249	11.6
	N/A*: No	6	85.7	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	0	0.0	13559	21.7
	No	0	0.0	19634	31.4
	N/A*: Yes	3	42.9	12277	19.6
	N/A*: No	4	57.1	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Erlanger Medical Center - Chattanooga TN Provider Number 440104 (TNEM)

Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	76	92.1	90.7	57	96.5	92.9	133	133	8	94.0	91.6	2.3	0.32
1 Year	76	88.2	86.2	57	93.0	89.0	133	133	13	90.2	87.4	2.8	0.32
Cond. ³ 3 Years	67	90.8	92.4				67	62	6	90.8	92.4	-1.6	0.61
3 Years ³		80.0	79.7										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	75	98.6	97.8	57	98.2	98.2	131	128.0	2.0	98.4	98.0	0.5	0.71
1 Year	75	95.8	95.4	57	96.4	96.1	131	127.0	5.0	96.1	95.7	0.4	0.85
Cond. ³ 3 Years	71	91.4	95.3				71	69.5	6.0	91.4	95.3	-3.9	0.12
3 Years ³		87.6	90.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Erlanger Medical Center - Chattanooga TN
Provider Number 440104 (TNEM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		133	100.0	62572	100.0
Donor Type	Living	47	35.3	14525	23.2
	Cadaveric: Stroke	24	18.0	15624	25.0
	Cadaveric: MVA	32	24.1	13317	21.3
	Cadaveric: Other	30	22.6	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	10	7.5	10738	17.2
	18-30	48	36.1	19464	31.1
	31-45	53	39.8	18538	29.6
	46-60	17	12.8	11397	18.2
	61+	5	3.8	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	121	91.0	49654	79.4
	Black	10	7.5	6469	10.3
	Hispanic	1	0.8	4943	7.9
	Asian	0	0.0	801	1.3
	Other	1	0.8	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	58	43.6	25808	41.2
	Male	75	56.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	47	35.3	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	15	11.3	5889	9.4
	Cadaveric: 12-21	36	27.1	16112	25.7
	Cadaveric: 22-31	17	12.8	14287	22.8
	Cadaveric: 32-41	16	12.0	7669	12.3
	Cadaveric: 42+	1	0.8	2519	4.0
	Not Reported	1	0.8	3935	6.3

		---- Program----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	24	18.0	5935	9.5
	1	7	5.3	3484	5.6
	2	30	22.6	9648	15.4
	3	26	19.5	16005	25.6
	4	36	27.1	14003	22.4
	5	10	7.5	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	3	2.3	3951	6.3
	18-35	49	36.8	20414	32.6
	36-45	34	25.6	16397	26.2
	46-60	42	31.6	17170	27.4
	61+	5	3.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	102	76.7	41213	65.9
	Black	30	22.6	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	1	0.8	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	61	45.9	25078	40.1
	Male	72	54.1	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	133	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	114	85.7	54138	86.5
	Yes	19	14.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	67	50.4	19677	31.4
	1-5	47	35.3	23207	37.1
	6-10	9	6.8	5736	9.2
	11+	8	6.0	5280	8.4
	Not Reported	2	1.5	8672	13.9
Peak PRA Prior to Transplant	0	85	63.9	20469	32.7
	1- 19	22	16.5	26645	42.6
	20- 79	8	6.0	9976	15.9
	80-100	8	6.0	4277	6.8
	Not Reported	10	7.5	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	23	17.3	11726	18.7
	21-25	62	46.6	23821	38.1
	26-30	35	26.3	12454	19.9
	31+	13	9.8	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	35	26.3	16923	27.0
	Cystic/Congenital	15	11.3	7349	11.7
	Systemic	35	26.3	11759	18.8
	Tubulointerstitial	13	9.8	4233	6.8
	Diabetes	34	25.6	14059	22.5
	Other Diagnosis	1	0.8	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	133	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	5	3.8	8951	14.3
	1990	24	18.0	9819	15.7
	1991	39	29.3	10077	16.1
	1992	31	23.3	10157	16.2
	1993-1994	34	25.6	14547	23.2
Dialysis in First Week After Transplant*	Yes	9	6.8	5716	9.1
	No	58	43.6	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	8	6.0	7249	11.6
	N/A*: No	58	43.6	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	17	12.8	13559	21.7
	No	50	37.6	19634	31.4
	N/A*: Yes	22	16.5	12277	19.6
	N/A*: No	44	33.1	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Johnson City Medical Center Hospital - Johnson City TN
Provider Number 440063 (TNJC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	34	97.1	90.8	39	82.1	89.7	73	73	8	89.0	90.2	-1.2	0.73
1 Year	34	91.2	86.5	39	82.1	84.7	73	73	10	86.3	85.5	0.8	0.85
Cond. ³ 3 Years	31	86.9	94.0				31	28	4	86.9	94.0	-7.1	0.09
3 Years ³		79.2	81.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	33	100.0	97.4	38	91.9	97.6	70	69.5	3.0	95.7	97.5	-1.8	0.32
1 Year	33	96.9	94.6	38	89.2	94.6	70	68.5	5.0	92.7	94.6	-1.9	0.48
Cond. ³ 3 Years	31	90.2	94.7				31	30.0	3.0	90.2	94.7	-4.5	0.26
3 Years ³		87.4	89.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Johnson City Medical Center Hospital - Johnson City TN
Provider Number 440063 (TNJC)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		73	100.0	62572	100.0
Donor Type	Living	17	23.3	14525	23.2
	Cadaveric: Stroke	15	20.5	15624	25.0
	Cadaveric: MVA	11	15.1	13317	21.3
	Cadaveric: Other	30	41.1	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	14	19.2	10738	17.2
	18-30	23	31.5	19464	31.1
	31-45	10	13.7	18538	29.6
	46-60	18	24.7	11397	18.2
	61+	8	11.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	66	90.4	49654	79.4
	Black	6	8.2	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	1	1.4	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	35	47.9	25808	41.2
	Male	38	52.1	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	14	19.2	10970	17.5
	Living: 3-5	1	1.4	640	1.0
	Living: 6+	1	1.4	551	0.9
	Cadaveric: 0-11	13	17.8	5889	9.4
	Cadaveric: 12-21	17	23.3	16112	25.7
	Cadaveric: 22-31	13	17.8	14287	22.8
	Cadaveric: 32-41	3	4.1	7669	12.3
	Cadaveric: 42+	3	4.1	2519	4.0
	Not Reported	8	11.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	15	20.5	5935	9.5
	1	5	6.8	3484	5.6
	2	8	11.0	9648	15.4
	3	21	28.8	16005	25.6
	4	14	19.2	14003	22.4
	5	6	8.2	8963	14.3
	6	2	2.7	3009	4.8
	Not Reported	2	2.7	1525	2.4
Recipient Age	0-17	2	2.7	3951	6.3
	18-35	20	27.4	20414	32.6
	36-45	17	23.3	16397	26.2
	46-60	25	34.2	17170	27.4
	61+	9	12.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	71	97.3	41213	65.9
	Black	2	2.7	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	31	42.5	25078	40.1
	Male	42	57.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	73	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	64	87.7	54138	86.5
	Yes	9	12.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	23	31.5	19677	31.4
	1-5	1	1.4	23207	37.1
	6-10	0	0.0	5736	9.2
	11+	1	1.4	5280	8.4
	Not Reported	48	65.8	8672	13.9
Peak PRA Prior to Transplant	0	19	26.0	20469	32.7
	1- 19	30	41.1	26645	42.6
	20- 79	6	8.2	9976	15.9
	80-100	1	1.4	4277	6.8
	Not Reported	17	23.3	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	10	13.7	11726	18.7
	21-25	26	35.6	23821	38.1
	26-30	21	28.8	12454	19.9
	31+	11	15.1	5762	9.2
	Not Reported	5	6.8	8809	14.1
Primary Kidney Disease	Glomerular	18	24.7	16923	27.0
	Cystic/Congenital	11	15.1	7349	11.7
	Systemic	11	15.1	11759	18.8
	Tubulointerstitial	3	4.1	4233	6.8
	Diabetes	18	24.7	14059	22.5
	Other Diagnosis	12	16.4	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	68	93.2	59280	94.7
	Hospitalized	2	2.7	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	3	4.1	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	5	6.8	9819	15.7
	1991	19	26.0	10077	16.1
	1992	24	32.9	10157	16.2
	1993-1994	25	34.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	6	8.2	5716	9.1
	No	23	31.5	26528	42.4
	Not Reported	2	2.7	949	1.5
	N/A*: Yes	15	20.5	7249	11.6
	N/A*: No	26	35.6	21509	34.4
	N/A*: Not Reported	1	1.4	621	1.0
Rejection in First 6 Months After Transplant*	Yes	9	12.3	13559	21.7
	No	22	30.1	19634	31.4
	N/A*: Yes	9	12.3	12277	19.6
	N/A*: No	33	45.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Le Bonheur Children's Medical Center - Memphis TN
Provider Number 443301 (TNLB)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	15	100.0	87.1	10	90.0	91.1	25	25	1	96.0	88.7	7.3	0.23
1 Year	15	100.0	82.5	10	80.0	86.1	25	25	2	92.0	83.9	8.1	0.25
Cond. ³ 3 Years	15	93.3	88.4				15	15	1	93.3	88.4	4.9	0.54
3 Years ³		93.3	73.0										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	14	100.0	98.7	10	100.0	99.2	24	24.0	0.0	100.0	98.9	1.1	0.60
1 Year	14	100.0	97.1	10	90.0	98.2	24	24.0	1.0	95.8	97.6	-1.7	0.57
Cond. ³ 3 Years	14	100.0	98.3				14	13.5	0.0	100.0	98.3	1.7	0.62
3 Years ³		100.0	95.4										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Le Bonheur Children's Medical Center - Memphis TN
Provider Number 443301 (TNLB)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		25	100.0	62572	100.0
Donor Type	Living	17	68.0	14525	23.2
	Cadaveric: Stroke	2	8.0	15624	25.0
	Cadaveric: MVA	4	16.0	13317	21.3
	Cadaveric: Other	2	8.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	4	16.0	10738	17.2
	18-30	10	40.0	19464	31.1
	31-45	9	36.0	18538	29.6
	46-60	2	8.0	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	18	72.0	49654	79.4
	Black	7	28.0	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	14	56.0	25808	41.2
	Male	11	44.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	16	64.0	10970	17.5
	Living: 3-5	1	4.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	0	0.0	5889	9.4
	Cadaveric: 12-21	3	12.0	16112	25.7
	Cadaveric: 22-31	3	12.0	14287	22.8
	Cadaveric: 32-41	2	8.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	0	0.0	5935	9.5
	1	0	0.0	3484	5.6
	2	5	20.0	9648	15.4
	3	5	20.0	16005	25.6
	4	1	4.0	14003	22.4
	5	2	8.0	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	12	48.0	1525	2.4
Recipient Age	0-17	25	100.0	3951	6.3
	18-35	0	0.0	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	13	52.0	41213	65.9
	Black	12	48.0	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	11	44.0	25078	40.1
	Male	14	56.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	25	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	22	88.0	54138	86.5
	Yes	3	12.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	14	56.0	19677	31.4
	1-5	7	28.0	23207	37.1
	6-10	2	8.0	5736	9.2
	11+	1	4.0	5280	8.4
	Not Reported	1	4.0	8672	13.9
Peak PRA Prior to Transplant	0	17	68.0	20469	32.7
	1- 19	2	8.0	26645	42.6
	20- 79	2	8.0	9976	15.9
	80-100	3	12.0	4277	6.8
	Not Reported	1	4.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	20	80.0	11726	18.7
	21-25	2	8.0	23821	38.1
	26-30	1	4.0	12454	19.9
	31+	1	4.0	5762	9.2
	Not Reported	1	4.0	8809	14.1
Primary Kidney Disease	Glomerular	4	16.0	16923	27.0
	Cystic/Congenital	10	40.0	7349	11.7
	Systemic	1	4.0	11759	18.8
	Tubulointerstitial	5	20.0	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	5	20.0	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	25	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	3	12.0	9021	14.4
	1989	2	8.0	8951	14.3
	1990	3	12.0	9819	15.7
	1991	5	20.0	10077	16.1
	1992	6	24.0	10157	16.2
	1993-1994	6	24.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	1	4.0	5716	9.1
	No	14	56.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	0	0.0	7249	11.6
	N/A*: No	10	40.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	12	48.0	13559	21.7
	No	3	12.0	19634	31.4
	N/A*: Yes	3	12.0	12277	19.6
	N/A*: No	7	28.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Response From: LeBonheur Children's Hospital
848 Adams Avenue, Memphis, TN
Provider Number 443301 (TNLB)

May 20, 1997

LeBonheur Children's Hospital is pleased the United Network for Organ Sharing (UNOS) data for our pediatric kidney transplant program reflect our long-standing commitment to providing high quality patient care. These results are particularly significant for a program that stresses access to transplantation by all potential candidates. The results represent the excellent quality of the transplant team and is a tribute to the collective hard work of all those involved with the program.

A. Osama Gaber, M.D.
Director, Division of Transplantation



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Nashville VA Hospital - Nashville TN
Provider Number 44018F (TNNV)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	44	81.8	85.4	11	100.0	92.7	55	55	8	85.5	86.9	-1.4	0.75
1 Year	44	72.7	78.9	11	100.0	88.8	55	55	12	78.2	80.8	-2.7	0.61
Cond. ³ 3 Years	32	82.5	88.6				32	27	5	82.5	88.6	-6.1	0.29
3 Years ³		60.0	69.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	43	100.0	95.7	11	100.0	98.2	53	52.5	0.0	100.0	96.2	3.8	0.14
1 Year	43	92.6	92.1	11	100.0	96.1	53	49.5	3.0	94.1	92.9	1.2	0.73
Cond. ³ 3 Years	37	86.3	92.6				37	35.0	5.0	86.3	92.6	-6.3	0.14
3 Years ³		79.9	85.2										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Nashville VA Hospital - Nashville TN
Provider Number 44018F (TNNV)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		55	100.0	62572	100.0
Donor Type	Living	7	12.7	14525	23.2
	Cadaveric: Stroke	14	25.5	15624	25.0
	Cadaveric: MVA	18	32.7	13317	21.3
	Cadaveric: Other	16	29.1	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	8	14.5	10738	17.2
	18-30	17	30.9	19464	31.1
	31-45	18	32.7	18538	29.6
	46-60	10	18.2	11397	18.2
	61+	2	3.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	50	90.9	49654	79.4
	Black	4	7.3	6469	10.3
	Hispanic	1	1.8	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	23	41.8	25808	41.2
	Male	32	58.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	2	3.6	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	4	7.3	5889	9.4
	Cadaveric: 12-21	13	23.6	16112	25.7
	Cadaveric: 22-31	17	30.9	14287	22.8
	Cadaveric: 32-41	8	14.5	7669	12.3
	Cadaveric: 42+	5	9.1	2519	4.0
	Not Reported	6	10.9	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	6	10.9	5935	9.5
	1	5	9.1	3484	5.6
	2	8	14.5	9648	15.4
	3	16	29.1	16005	25.6
	4	18	32.7	14003	22.4
	5	1	1.8	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	1	1.8	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	4	7.3	20414	32.6
	36-45	20	36.4	16397	26.2
	46-60	29	52.7	17170	27.4
	61+	2	3.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	33	60.0	41213	65.9
	Black	21	38.2	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	1	1.8	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	1	1.8	25078	40.1
	Male	54	98.2	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	55	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	37	67.3	54138	86.5
	Yes	18	32.7	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	11	20.0	19677	31.4
	1-5	15	27.3	23207	37.1
	6-10	10	18.2	5736	9.2
	11+	8	14.5	5280	8.4
	Not Reported	11	20.0	8672	13.9
Peak PRA Prior to Transplant	0	8	14.5	20469	32.7
	1- 19	23	41.8	26645	42.6
	20- 79	17	30.9	9976	15.9
	80-100	7	12.7	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	9	16.4	11726	18.7
	21-25	24	43.6	23821	38.1
	26-30	17	30.9	12454	19.9
	31+	4	7.3	5762	9.2
	Not Reported	1	1.8	8809	14.1
Primary Kidney Disease	Glomerular	20	36.4	16923	27.0
	Cystic/Congenital	6	10.9	7349	11.7
	Systemic	17	30.9	11759	18.8
	Tubulointerstitial	1	1.8	4233	6.8
	Diabetes	3	5.5	14059	22.5
	Other Diagnosis	3	5.5	5271	8.4
	Not Reported	5	9.1	2978	4.8
Recipient Description at Transplant	Not Hospitalized	55	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	14	25.5	9021	14.4
	1989	15	27.3	8951	14.3
	1990	5	9.1	9819	15.7
	1991	6	10.9	10077	16.1
	1992	8	14.5	10157	16.2
	1993-1994	7	12.7	14547	23.2
Dialysis in First Week After Transplant*	Yes	8	14.5	5716	9.1
	No	23	41.8	26528	42.4
	Not Reported	1	1.8	949	1.5
	N/A*: Yes	11	20.0	7249	11.6
	N/A*: No	11	20.0	21509	34.4
	N/A*: Not Reported	1	1.8	621	1.0
Rejection in First 6 Months After Transplant*	Yes	11	20.0	13559	21.7
	No	21	38.2	19634	31.4
	N/A*: Yes	8	14.5	12277	19.6
	N/A*: No	15	27.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Centennial Medical Center/Parkview - Nashville TN
Provider Number 440161 (TNPV)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	69	91.3	91.8	55	96.4	90.6	124	124	8	93.5	91.3	2.3	0.36
1 Year	69	91.3	87.3	55	90.8	85.3	124	122	11	91.1	86.4	4.7	0.12
Cond. ³ 3 Years	62	91.7	94.0				62	58	5	91.7	94.0	-2.3	0.44
3 Years ³		83.8	82.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	69	98.5	97.3	55	98.1	97.3	122	120.5	2.0	98.3	97.3	1.0	0.47
1 Year	69	98.5	94.6	55	92.5	94.3	122	117.0	5.0	95.8	94.4	1.4	0.50
Cond. ³ 3 Years	65	93.7	94.9				65	61.5	4.0	93.7	94.9	-1.2	0.66
3 Years ³		92.3	89.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Centennial Medical Center/Parkview - Nashville TN
Provider Number 440161 (TNPV)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		124	100.0	62572	100.0
Donor Type	Living	36	29.0	14525	23.2
	Cadaveric: Stroke	25	20.2	15624	25.0
	Cadaveric: MVA	27	21.8	13317	21.3
	Cadaveric: Other	36	29.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	21	16.9	10738	17.2
	18-30	37	29.8	19464	31.1
	31-45	45	36.3	18538	29.6
	46-60	20	16.1	11397	18.2
	61+	1	0.8	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	102	82.3	49654	79.4
	Black	19	15.3	6469	10.3
	Hispanic	1	0.8	4943	7.9
	Asian	2	1.6	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	61	49.2	25808	41.2
	Male	63	50.8	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	36	29.0	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	10	8.1	5889	9.4
	Cadaveric: 12-21	45	36.3	16112	25.7
	Cadaveric: 22-31	18	14.5	14287	22.8
	Cadaveric: 32-41	9	7.3	7669	12.3
	Cadaveric: 42+	5	4.0	2519	4.0
	Not Reported	1	0.8	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	15	12.1	5935	9.5
	1	8	6.5	3484	5.6
	2	16	12.9	9648	15.4
	3	40	32.3	16005	25.6
	4	21	16.9	14003	22.4
	5	18	14.5	8963	14.3
	6	5	4.0	3009	4.8
	Not Reported	1	0.8	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	40	32.3	20414	32.6
	36-45	32	25.8	16397	26.2
	46-60	34	27.4	17170	27.4
	61+	18	14.5	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	89	71.8	41213	65.9
	Black	34	27.4	12675	20.3
	Hispanic	1	0.8	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	45	36.3	25078	40.1
	Male	79	63.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	114	91.9	59783	95.5
	Kidney and Pancreas	10	8.1	2789	4.5
Previous Kidney Transplant	No	116	93.5	54138	86.5
	Yes	8	6.5	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	40	32.3	19677	31.4
	1-5	51	41.1	23207	37.1
	6-10	13	10.5	5736	9.2
	11+	16	12.9	5280	8.4
	Not Reported	4	3.2	8672	13.9
Peak PRA Prior to Transplant	0	62	50.0	20469	32.7
	1- 19	43	34.7	26645	42.6
	20- 79	14	11.3	9976	15.9
	80-100	3	2.4	4277	6.8
	Not Reported	2	1.6	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	25	20.2	11726	18.7
	21-25	61	49.2	23821	38.1
	26-30	28	22.6	12454	19.9
	31+	10	8.1	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	30	24.2	16923	27.0
	Cystic/Congenital	13	10.5	7349	11.7
	Systemic	32	25.8	11759	18.8
	Tubulointerstitial	3	2.4	4233	6.8
	Diabetes	38	30.6	14059	22.5
	Other Diagnosis	7	5.6	5271	8.4
	Not Reported	1	0.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	124	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	9	7.3	8951	14.3
	1990	29	23.4	9819	15.7
	1991	21	16.9	10077	16.1
	1992	27	21.8	10157	16.2
	1993-1994	38	30.6	14547	23.2
Dialysis in First Week After Transplant*	Yes	6	4.8	5716	9.1
	No	56	45.2	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	10	8.1	7249	11.6
	N/A*: No	52	41.9	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	14	11.3	13559	21.7
	No	48	38.7	19634	31.4
	N/A*: Yes	16	12.9	12277	19.6
	N/A*: No	46	37.1	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for St Thomas Hospital - Nashville TN
Provider Number 440082 (TNST)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	22	95.5	92.2	10	100.0	93.4	32	32	1	96.9	92.6	4.3	0.35
1 Year	22	95.5	88.2	10	90.0	89.2	32	32	2	93.8	88.5	5.2	0.34
Cond. ³ 3 Years	21	94.7	92.1				21	16	1	94.7	92.1	2.6	0.67
3 Years ³		90.4	81.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	22	100.0	98.1	10	100.0	97.6	32	31.5	0.0	100.0	98.0	2.0	0.42
1 Year	22	100.0	96.2	10	100.0	94.7	32	30.5	0.0	100.0	95.7	4.3	0.23
Cond. ³ 3 Years	22	95.1	96.3				22	18.0	1.0	95.1	96.3	-1.2	0.77
3 Years ³		95.1	92.7										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

St Thomas Hospital - Nashville TN
Provider Number 440082 (TNST)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		32	100.0	62572	100.0
Donor Type	Living	13	40.6	14525	23.2
	Cadaveric: Stroke	10	31.3	15624	25.0
	Cadaveric: MVA	4	12.5	13317	21.3
	Cadaveric: Other	5	15.6	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	3	9.4	10738	17.2
	18-30	7	21.9	19464	31.1
	31-45	15	46.9	18538	29.6
	46-60	6	18.8	11397	18.2
	61+	1	3.1	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	29	90.6	49654	79.4
	Black	3	9.4	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	16	50.0	25808	41.2
	Male	16	50.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	13	40.6	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	3	9.4	5889	9.4
	Cadaveric: 12-21	7	21.9	16112	25.7
	Cadaveric: 22-31	6	18.8	14287	22.8
	Cadaveric: 32-41	3	9.4	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	11	34.4	5935	9.5
	1	3	9.4	3484	5.6
	2	6	18.8	9648	15.4
	3	6	18.8	16005	25.6
	4	4	12.5	14003	22.4
	5	1	3.1	8963	14.3
	6	1	3.1	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	16	50.0	20414	32.6
	36-45	4	12.5	16397	26.2
	46-60	10	31.3	17170	27.4
	61+	2	6.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	23	71.9	41213	65.9
	Black	9	28.1	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	11	34.4	25078	40.1
	Male	21	65.6	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	32	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	32	100.0	54138	86.5
	Yes	0	0.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	22	68.8	19677	31.4
	1-5	4	12.5	23207	37.1
	6-10	5	15.6	5736	9.2
	11+	1	3.1	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	11	34.4	20469	32.7
	1- 19	18	56.3	26645	42.6
	20- 79	3	9.4	9976	15.9
	80-100	0	0.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	9	28.1	11726	18.7
	21-25	14	43.8	23821	38.1
	26-30	5	15.6	12454	19.9
	31+	4	12.5	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	9	28.1	16923	27.0
	Cystic/Congenital	1	3.1	7349	11.7
	Systemic	11	34.4	11759	18.8
	Tubulointerstitial	3	9.4	4233	6.8
	Diabetes	5	15.6	14059	22.5
	Other Diagnosis	2	6.3	5271	8.4
	Not Reported	1	3.1	2978	4.8
Recipient Description at Transplant	Not Hospitalized	32	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	2	6.3	8951	14.3
	1990	12	37.5	9819	15.7
	1991	6	18.8	10077	16.1
	1992	4	12.5	10157	16.2
	1993-1994	8	25.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	3	9.4	5716	9.1
	No	18	56.3	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	0	0.0	7249	11.6
	N/A*: No	11	34.4	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	5	15.6	13559	21.7
	No	16	50.0	19634	31.4
	N/A*: Yes	4	12.5	12277	19.6
	N/A*: No	7	21.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Saint Thomas Hospital
4220 Harding Road, Nashville, TN 37202
Provider Number 440082 (TNST)**

May 8, 1997

The Saint Thomas Hospital Transplant Department is pleased that the UNOS survival statistics for our renal transplant program are indicative of our long-standing commitment to excellence and high-quality patient care. We realize that no one statistical analysis should be used as the sole measure of a transplant program's quality, but the UNOS data is clearly a noted reflection of the success of Saint Thomas Hospital's renal transplant program.

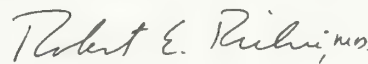
Our renal transplant program began in 1989 and from January 1, 1988 to April 30, 1994, Saint Thomas performed thirty-two (32) renal transplants with an overall survival graft rating of 93.8 percent and survival patient rating of 100 percent. The renal transplant program was only able to perform thirty-two (32) transplants during the time period analyzed by UNOS due to the lack of donor organ availability in our area.

Despite the low volume of transplanted patients during the analyzed period, we continue to have overwhelming growth in our referral and waiting numbers. Our data shows excellent graft and patient survival statistics and are well above the national expectations as indicated by the UNOS data.

We have developed a holistic approach to our patient care. From the time a patient is referred to our program, there is an ongoing assessment of their medical and psychosocial suitability for transplant. This is monitored by a multi-disciplinary team committed to excellence.

We are proud of our renal transplant program and team and will endeavor to continue providing the finest patient care available.

Robert E. Richie, M.D.
Program Director



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of Tennessee Medical Center - Knoxville TN
Provider Number 440015 (TNUK)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	149	89.9	88.3	70	90.0	89.4	219	219	22	90.0	88.7	1.3	0.54
1 Year	149	83.9	83.3	70	82.9	84.5	219	218	36	83.5	83.7	-0.1	0.96
Cond. ³ 3 Years	124	88.6	92.6				124	123	14	88.6	92.6	-4.0	0.09
3 Years ³		74.3	77.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	148	97.2	96.9	70	98.5	97.3	214	210.8	5.0	97.6	97.0	0.6	0.58
1 Year	148	94.4	93.9	70	90.8	94.3	214	203.3	14.0	93.3	94.0	-0.8	0.64
Cond. ³ 3 Years	134	97.7	94.3				134	124.3	3.0	97.7	94.3	3.4	0.09
3 Years ³		92.2	88.5										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of Tennessee Medical Center - Knoxville TN
Provider Number 440015 (TNUK)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		219	100.0	62572	100.0
Donor Type	Living	25	11.4	14525	23.2
	Cadaveric: Stroke	49	22.4	15624	25.0
	Cadaveric: MVA	65	29.7	13317	21.3
	Cadaveric: Other	80	36.5	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	49	22.4	10738	17.2
	18-30	75	34.2	19464	31.1
	31-45	64	29.2	18538	29.6
	46-60	29	13.2	11397	18.2
	61+	2	0.9	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	203	92.7	49654	79.4
	Black	11	5.0	6469	10.3
	Hispanic	1	0.5	4943	7.9
	Asian	3	1.4	801	1.3
	Other	1	0.5	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	90	41.1	25808	41.2
	Male	129	58.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	25	11.4	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	19	8.7	5889	9.4
	Cadaveric: 12-21	59	26.9	16112	25.7
	Cadaveric: 22-31	70	32.0	14287	22.8
	Cadaveric: 32-41	40	18.3	7669	12.3
	Cadaveric: 42+	2	0.9	2519	4.0
	Not Reported	4	1.8	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	24	11.0	5935	9.5
	1	18	8.2	3484	5.6
	2	41	18.7	9648	15.4
	3	60	27.4	16005	25.6
	4	44	20.1	14003	22.4
	5	28	12.8	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	4	1.8	1525	2.4
Recipient Age	0-17	12	5.5	3951	6.3
	18-35	74	33.8	20414	32.6
	36-45	49	22.4	16397	26.2
	46-60	68	31.1	17170	27.4
	61+	16	7.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	196	89.5	41213	65.9
	Black	19	8.7	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	2	0.9	1740	2.8
	Other	2	0.9	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	91	41.6	25078	40.1
	Male	128	58.4	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	219	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	192	87.7	54138	86.5
	Yes	27	12.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	90	41.1	19677	31.4
	1-5	45	20.5	23207	37.1
	6-10	8	3.7	5736	9.2
	11+	9	4.1	5280	8.4
	Not Reported	67	30.6	8672	13.9
Peak PRA Prior to Transplant	0	64	29.2	20469	32.7
	1- 19	81	37.0	26645	42.6
	20- 79	47	21.5	9976	15.9
	80-100	14	6.4	4277	6.8
	Not Reported	13	5.9	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	56	25.6	11726	18.7
	21-25	88	40.2	23821	38.1
	26-30	46	21.0	12454	19.9
	31+	28	12.8	5762	9.2
	Not Reported	1	0.5	8809	14.1
Primary Kidney Disease	Glomerular	58	26.5	16923	27.0
	Cystic/Congenital	24	11.0	7349	11.7
	Systemic	33	15.1	11759	18.8
	Tubulointerstitial	12	5.5	4233	6.8
	Diabetes	56	25.6	14059	22.5
	Other Diagnosis	29	13.2	5271	8.4
	Not Reported	7	3.2	2978	4.8
Recipient Description at Transplant	Not Hospitalized	214	97.7	59280	94.7
	Hospitalized	5	2.3	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	28	12.8	9021	14.4
	1989	33	15.1	8951	14.3
	1990	40	18.3	9819	15.7
	1991	39	17.8	10077	16.1
	1992	38	17.4	10157	16.2
	1993-1994	41	18.7	14547	23.2
Dialysis in First Week After Transplant*	Yes	23	10.5	5716	9.1
	No	101	46.1	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	33	15.1	7249	11.6
	N/A*: No	62	28.3	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	56	25.6	13559	21.7
	No	68	31.1	19634	31.4
	N/A*: Yes	53	24.2	12277	19.6
	N/A*: No	42	19.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of Tennessee Medical Center - Memphis TN
Provider Number 440166 (TNUT)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	306	85.3	85.3	161	93.8	89.8	467	467	55	88.2	86.9	1.4	0.37
1 Year	306	77.4	78.9	161	89.4	84.3	467	462	86	81.5	80.7	0.8	0.66
Cond. ³ 3 Years	232	84.4	88.6				232	217	35	84.4	88.6	-4.2	0.04*
3 Years ³		65.3	69.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	291	95.7	96.5	161	97.4	97.9	439	431.0	16.0	96.3	97.0	-0.7	0.41
1 Year	291	92.3	93.2	161	95.6	95.4	439	410.0	27.5	93.5	94.0	-0.5	0.66
Cond. ³ 3 Years	247	93.2	93.6				247	217.5	16.0	93.2	93.6	-0.5	0.76
3 Years ³		86.0	87.3										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of Tennessee Medical Center - Memphis TN
Provider Number 440166 (TNUT)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		467	100.0	62572	100.0
Donor Type	Living	105	22.5	14525	23.2
	Cadaveric: Stroke	92	19.7	15624	25.0
	Cadaveric: MVA	104	22.3	13317	21.3
	Cadaveric: Other	166	35.5	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	88	18.8	10738	17.2
	18-30	163	34.9	19464	31.1
	31-45	136	29.1	18538	29.6
	46-60	63	13.5	11397	18.2
	61+	17	3.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	357	76.4	49654	79.4
	Black	97	20.8	6469	10.3
	Hispanic	10	2.1	4943	7.9
	Asian	1	0.2	801	1.3
	Other	1	0.2	620	1.0
	Not Reported	1	0.2	85	0.1
Donor Gender	Female	208	44.5	25808	41.2
	Male	259	55.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	93	19.9	10970	17.5
	Living: 3-5	2	0.4	640	1.0
	Living: 6+	4	0.9	551	0.9
	Cadaveric: 0-11	72	15.4	5889	9.4
	Cadaveric: 12-21	117	25.1	16112	25.7
	Cadaveric: 22-31	101	21.6	14287	22.8
	Cadaveric: 32-41	39	8.4	7669	12.3
	Cadaveric: 42+	15	3.2	2519	4.0
	Not Reported	24	5.1	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	19	4.1	5935	9.5
	1	10	2.1	3484	5.6
	2	54	11.6	9648	15.4
	3	98	21.0	16005	25.6
	4	120	25.7	14003	22.4
	5	60	12.8	8963	14.3
	6	35	7.5	3009	4.8
	Not Reported	71	15.2	1525	2.4
Recipient Age	0-17	17	3.6	3951	6.3
	18-35	168	36.0	20414	32.6
	36-45	143	30.6	16397	26.2
	46-60	125	26.8	17170	27.4
	61+	14	3.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	259	55.5	41213	65.9
	Black	203	43.5	12675	20.3
	Hispanic	3	0.6	5632	9.0
	Asian	1	0.2	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	1	0.2	81	0.1
Recipient Gender	Female	182	39.0	25078	40.1
	Male	285	61.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	409	87.6	59783	95.5
	Kidney and Pancreas	58	12.4	2789	4.5
Previous Kidney Transplant	No	400	85.7	54138	86.5
	Yes	66	14.1	8247	13.2
	Not Reported	1	0.2	187	0.3
Pretransplant Transfusions	0	177	37.9	19677	31.4
	1-5	131	28.1	23207	37.1
	6-10	29	6.2	5736	9.2
	11+	11	2.4	5280	8.4
	Not Reported	119	25.5	8672	13.9
Peak PRA Prior to Transplant	0	195	41.8	20469	32.7
	1- 19	47	10.1	26645	42.6
	20- 79	110	23.6	9976	15.9
	80-100	95	20.3	4277	6.8
	Not Reported	20	4.3	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	99	21.2	11726	18.7
	21-25	191	40.9	23821	38.1
	26-30	96	20.6	12454	19.9
	31+	61	13.1	5762	9.2
	Not Reported	20	4.3	8809	14.1
Primary Kidney Disease	Glomerular	97	20.8	16923	27.0
	Cystic/Congenital	45	9.6	7349	11.7
	Systemic	145	31.0	11759	18.8
	Tubulointerstitial	29	6.2	4233	6.8
	Diabetes	87	18.6	14059	22.5
	Other Diagnosis	57	12.2	5271	8.4
	Not Reported	7	1.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	464	99.4	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	3	0.6	906	1.4
Year of Transplant	1988	73	15.6	9021	14.4
	1989	65	13.9	8951	14.3
	1990	77	16.5	9819	15.7
	1991	66	14.1	10077	16.1
	1992	73	15.6	10157	16.2
	1993-1994	113	24.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	58	12.4	5716	9.1
	No	159	34.0	26528	42.4
	Not Reported	15	3.2	949	1.5
	N/A*: Yes	71	15.2	7249	11.6
	N/A*: No	157	33.6	21509	34.4
	N/A*: Not Reported	7	1.5	621	1.0
Rejection in First 6 Months After Transplant*	Yes	92	19.7	13559	21.7
	No	140	30.0	19634	31.4
	N/A*: Yes	100	21.4	12277	19.6
	N/A*: No	135	28.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: University of Tennessee Medical Center
956 Court Avenue, Memphis, TN
Provider Number 440166 (TNUT)**

May 20, 1997

UT Memphis is pleased the United Network for Organ Sharing (UNOS) data for our kidney transplant program reflect our long-standing commitment to providing high quality patient care. These results are particularly significant for a program that stresses access to transplantation by all potential candidates. The results represent the excellent quality of the transplant team and is a tribute to the collective hard work of all those involved with the program.

A. Osama Gaber, M.D.
Director, Division of Transplantation



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Vanderbilt University Medical Center - Nashville TN
Provider Number 440039 (TNVU)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	359	91.4	87.9	129	94.6	91.3	488	488	38	92.2	88.8	3.4	0.01*
1 Year	359	88.0	82.8	129	90.6	87.1	488	484	55	88.7	83.9	4.8	<0.01*
Cond. ³ 3 Years	313	87.4	90.5				313	298	39	87.4	90.5	-3.2	0.05*
3 Years ³		76.9	74.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	350	98.2	97.4	129	96.4	98.2	471	467.2	10.5	97.8	97.6	0.2	0.81
1 Year	350	97.1	94.8	129	94.7	96.0	471	459.7	16.5	96.4	95.1	1.3	0.18
Cond. ³ 3 Years	335	93.9	95.1				335	320.2	20.0	93.9	95.1	-1.2	0.31
3 Years ³		91.2	90.2										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Vanderbilt University Medical Center - Nashville TN
Provider Number 440039 (TNVU)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		488	100.0	62572	100.0
Donor Type	Living	171	35.0	14525	23.2
	Cadaveric: Stroke	103	21.1	15624	25.0
	Cadaveric: MVA	102	20.9	13317	21.3
	Cadaveric: Other	112	23.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	60	12.3	10738	17.2
	18-30	153	31.4	19464	31.1
	31-45	181	37.1	18538	29.6
	46-60	80	16.4	11397	18.2
	61+	14	2.9	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	429	87.9	49654	79.4
	Black	44	9.0	6469	10.3
	Hispanic	12	2.5	4943	7.9
	Asian	2	0.4	801	1.3
	Other	1	0.2	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	225	46.1	25808	41.2
	Male	263	53.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	104	21.3	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	26	5.3	5889	9.4
	Cadaveric: 12-21	118	24.2	16112	25.7
	Cadaveric: 22-31	77	15.8	14287	22.8
	Cadaveric: 32-41	52	10.7	7669	12.3
	Cadaveric: 42+	9	1.8	2519	4.0
	Not Reported	102	20.9	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	62	12.7	5935	9.5
	1	33	6.8	3484	5.6
	2	98	20.1	9648	15.4
	3	149	30.5	16005	25.6
	4	113	23.2	14003	22.4
	5	23	4.7	8963	14.3
	6	6	1.2	3009	4.8
	Not Reported	4	0.8	1525	2.4
Recipient Age	0-17	44	9.0	3951	6.3
	18-35	195	40.0	20414	32.6
	36-45	134	27.5	16397	26.2
	46-60	101	20.7	17170	27.4
	61+	14	2.9	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	379	77.7	41213	65.9
	Black	98	20.1	12675	20.3
	Hispanic	4	0.8	5632	9.0
	Asian	2	0.4	1740	2.8
	Other	3	0.6	1231	2.0
	Not Reported	2	0.4	81	0.1
Recipient Gender	Female	210	43.0	25078	40.1
	Male	278	57.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	467	95.7	59783	95.5
	Kidney and Pancreas	21	4.3	2789	4.5
Previous Kidney Transplant	No	389	79.7	54138	86.5
	Yes	98	20.1	8247	13.2
	Not Reported	1	0.2	187	0.3
Pretransplant Transfusions	0	129	26.4	19677	31.4
	1-5	140	28.7	23207	37.1
	6-10	49	10.0	5736	9.2
	11+	54	11.1	5280	8.4
	Not Reported	116	23.8	8672	13.9
Peak PRA Prior to Transplant	0	60	12.3	20469	32.7
	1- 19	165	33.8	26645	42.6
	20- 79	113	23.2	9976	15.9
	80-100	68	13.9	4277	6.8
	Not Reported	82	16.8	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	133	27.3	11726	18.7
	21-25	206	42.2	23821	38.1
	26-30	104	21.3	12454	19.9
	31+	33	6.8	5762	9.2
	Not Reported	12	2.5	8809	14.1
Primary Kidney Disease	Glomerular	126	25.8	16923	27.0
	Cystic/Congenital	64	13.1	7349	11.7
	Systemic	105	21.5	11759	18.8
	Tubulointerstitial	46	9.4	4233	6.8
	Diabetes	98	20.1	14059	22.5
	Other Diagnosis	38	7.8	5271	8.4
	Not Reported	11	2.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	485	99.4	59280	94.7
	Hospitalized	2	0.4	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	0.2	906	1.4
Year of Transplant	1988	83	17.0	9021	14.4
	1989	96	19.7	8951	14.3
	1990	95	19.5	9819	15.7
	1991	66	13.5	10077	16.1
	1992	53	10.9	10157	16.2
	1993-1994	95	19.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	43	8.8	5716	9.1
	No	265	54.3	26528	42.4
	Not Reported	5	1.0	949	1.5
	N/A*: Yes	32	6.6	7249	11.6
	N/A*: No	138	28.3	21509	34.4
	N/A*: Not Reported	5	1.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	83	17.0	13559	21.7
	No	230	47.1	19634	31.4
	N/A*: Yes	50	10.2	12277	19.6
	N/A*: No	125	25.6	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Brackenridge Hospital - Austin TX
Provider Number 450124 (TXAD)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	124	86.3	88.0	51	90.2	91.1	175	175	22	87.4	88.9	-1.5	0.52
1 Year	124	81.4	82.6	51	88.2	86.9	175	173	29	83.4	83.9	-0.5	0.85
Cond. ³ 3 Years	99	90.5	89.5				99	90	9	90.5	89.5	1.0	0.75
3 Years ³		73.6	73.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	119	100.0	97.2	51	93.8	98.1	166	164.5	3.0	98.2	97.5	0.7	0.55
1 Year	119	97.4	94.5	51	93.8	95.8	166	162.5	6.0	96.3	94.9	1.4	0.40
Cond. ³ 3 Years	114	92.9	94.6				114	112.0	8.0	92.9	94.6	-1.7	0.43
3 Years ³		90.5	89.4										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Brackenridge Hospital - Austin TX
Provider Number 450124 (TXAD)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		175	100.0	62572	100.0
Donor Type	Living	10	5.7	14525	23.2
	Cadaveric: Stroke	37	21.1	15624	25.0
	Cadaveric: MVA	47	26.9	13317	21.3
	Cadaveric: Other	81	46.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	26	14.9	10738	17.2
	18-30	71	40.6	19464	31.1
	31-45	58	33.1	18538	29.6
	46-60	19	10.9	11397	18.2
	61+	1	0.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	126	72.0	49654	79.4
	Black	11	6.3	6469	10.3
	Hispanic	29	16.6	4943	7.9
	Asian	0	0.0	801	1.3
	Other	9	5.1	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	54	30.9	25808	41.2
	Male	121	69.1	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	8	4.6	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	2	1.1	551	0.9
	Cadaveric: 0-11	59	33.7	5889	9.4
	Cadaveric: 12-21	63	36.0	16112	25.7
	Cadaveric: 22-31	24	13.7	14287	22.8
	Cadaveric: 32-41	12	6.9	7669	12.3
	Cadaveric: 42+	7	4.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	9	5.1	5935	9.5
	1	7	4.0	3484	5.6
	2	17	9.7	9648	15.4
	3	34	19.4	16005	25.6
	4	54	30.9	14003	22.4
	5	37	21.1	8963	14.3
	6	13	7.4	3009	4.8
	Not Reported	4	2.3	1525	2.4
Recipient Age	0-17	3	1.7	3951	6.3
	18-35	65	37.1	20414	32.6
	36-45	50	28.6	16397	26.2
	46-60	52	29.7	17170	27.4
	61+	5	2.9	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	86	49.1	41213	65.9
	Black	30	17.1	12675	20.3
	Hispanic	54	30.9	5632	9.0
	Asian	4	2.3	1740	2.8
	Other	1	0.6	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	73	41.7	25078	40.1
	Male	102	58.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	175	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	153	87.4	54138	86.5
	Yes	22	12.6	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	113	64.6	19677	31.4
	1-5	35	20.0	23207	37.1
	6-10	11	6.3	5736	9.2
	11+	12	6.9	5280	8.4
	Not Reported	4	2.3	8672	13.9
Peak PRA Prior to Transplant	0	37	21.1	20469	32.7
	1- 19	99	56.6	26645	42.6
	20- 79	22	12.6	9976	15.9
	80-100	16	9.1	4277	6.8
	Not Reported	1	0.6	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	27	15.4	11726	18.7
	21-25	84	48.0	23821	38.1
	26-30	46	26.3	12454	19.9
	31+	17	9.7	5762	9.2
	Not Reported	1	0.6	8809	14.1
Primary Kidney Disease	Glomerular	46	26.3	16923	27.0
	Cystic/Congenital	19	10.9	7349	11.7
	Systemic	44	25.1	11759	18.8
	Tubulointerstitial	4	2.3	4233	6.8
	Diabetes	33	18.9	14059	22.5
	Other Diagnosis	26	14.9	5271	8.4
	Not Reported	3	1.7	2978	4.8
Recipient Description at Transplant	Not Hospitalized	175	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	31	17.7	9021	14.4
	1989	37	21.1	8951	14.3
	1990	23	13.1	9819	15.7
	1991	24	13.7	10077	16.1
	1992	27	15.4	10157	16.2
	1993-1994	33	18.9	14547	23.2
Dialysis in First Week After Transplant*	Yes	26	14.9	5716	9.1
	No	69	39.4	26528	42.4
	Not Reported	4	2.3	949	1.5
	N/A*: Yes	23	13.1	7249	11.6
	N/A*: No	52	29.7	21509	34.4
	N/A*: Not Reported	1	0.6	621	1.0
Rejection in First 6 Months After Transplant*	Yes	69	39.4	13559	21.7
	No	30	17.1	19634	31.4
	N/A*: Yes	34	19.4	12277	19.6
	N/A*: No	42	24.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994**Survival Report for University Hospital - San Antonio TX
Provider Number 450213 (TXBC)****Graft Survival**

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	60	86.7	87.7	47	93.6	90.9	107	107	11	89.7	89.1	0.6	0.84
1 Year	60	76.5	82.4	47	91.5	86.4	107	106	18	83.1	84.1	-1.0	0.76
Cond. ³ 3 Years	44	90.6	88.0				44	41	4	90.6	88.0	2.6	0.60
3 Years ³		69.3	72.5										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	59	96.6	97.7	47	97.8	98.3	106	105.0	3.0	97.1	98.0	-0.8	0.55
1 Year	59	89.8	95.1	47	93.5	96.2	106	104.0	9.0	91.4	95.6	-4.2	0.03*
Cond. ³ 3 Years	51	94.0	95.5				51	48.0	3.0	94.0	95.5	-1.6	0.58
3 Years ³		84.3	90.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University Hospital - San Antonio TX
Provider Number 450213 (TXBC)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		107	100.0	62572	100.0
Donor Type	Living	23	21.5	14525	23.2
	Cadaveric: Stroke	13	12.1	15624	25.0
	Cadaveric: MVA	24	22.4	13317	21.3
	Cadaveric: Other	47	43.9	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	28	26.2	10738	17.2
	18-30	32	29.9	19464	31.1
	31-45	29	27.1	18538	29.6
	46-60	17	15.9	11397	18.2
	61+	1	0.9	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	65	60.7	49654	79.4
	Black	1	0.9	6469	10.3
	Hispanic	30	28.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	11	10.3	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	42	39.3	25808	41.2
	Male	65	60.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	19	17.8	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	11	10.3	5889	9.4
	Cadaveric: 12-21	28	26.2	16112	25.7
	Cadaveric: 22-31	24	22.4	14287	22.8
	Cadaveric: 32-41	6	5.6	7669	12.3
	Cadaveric: 42+	3	2.8	2519	4.0
	Not Reported	16	15.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	3	2.8	5935	9.5
	1	7	6.5	3484	5.6
	2	18	16.8	9648	15.4
	3	27	25.2	16005	25.6
	4	23	21.5	14003	22.4
	5	24	22.4	8963	14.3
	6	5	4.7	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	23	21.5	3951	6.3
	18-35	43	40.2	20414	32.6
	36-45	18	16.8	16397	26.2
	46-60	18	16.8	17170	27.4
	61+	5	4.7	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	29	27.1	41213	65.9
	Black	12	11.2	12675	20.3
	Hispanic	59	55.1	5632	9.0
	Asian	2	1.9	1740	2.8
	Other	2	1.9	1231	2.0
	Not Reported	3	2.8	81	0.1
Recipient Gender	Female	41	38.3	25078	40.1
	Male	66	61.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	107	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	101	94.4	54138	86.5
	Yes	6	5.6	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	36	33.6	19677	31.4
	1-5	31	29.0	23207	37.1
	6-10	5	4.7	5736	9.2
	11+	6	5.6	5280	8.4
	Not Reported	29	27.1	8672	13.9
Peak PRA Prior to Transplant	0	26	24.3	20469	32.7
	1- 19	59	55.1	26645	42.6
	20- 79	10	9.3	9976	15.9
	80-100	12	11.2	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	34	31.8	11726	18.7
	21-25	38	35.5	23821	38.1
	26-30	16	15.0	12454	19.9
	31+	17	15.9	5762	9.2
	Not Reported	2	1.9	8809	14.1
Primary Kidney Disease	Glomerular	24	22.4	16923	27.0
	Cystic/Congenital	16	15.0	7349	11.7
	Systemic	23	21.5	11759	18.8
	Tubulointerstitial	7	6.5	4233	6.8
	Diabetes	15	14.0	14059	22.5
	Other Diagnosis	13	12.1	5271	8.4
	Not Reported	9	8.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	107	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	15	14.0	9021	14.4
	1989	19	17.8	8951	14.3
	1990	15	14.0	9819	15.7
	1991	9	8.4	10077	16.1
	1992	19	17.8	10157	16.2
	1993-1994	30	28.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	2	1.9	5716	9.1
	No	41	38.3	26528	42.4
	Not Reported	1	0.9	949	1.5
	N/A*: Yes	14	13.1	7249	11.6
	N/A*: No	48	44.9	21509	34.4
	N/A*: Not Reported	1	0.9	621	1.0
Rejection in First 6 Months After Transplant*	Yes	41	38.3	13559	21.7
	No	3	2.8	19634	31.4
	N/A*: Yes	53	49.5	12277	19.6
	N/A*: No	10	9.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994**Survival Report for Cook Ft Worth Children's Medical Center - Fort Worth TX
Provider Number 453300 (TXCF)****Graft Survival**

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				4	75.0	92.2	4	4	1	75.0	92.2	-17.2	0.28
1 Year				4	75.0	89.2	4	4	1	75.0	89.2	-14.2	0.37
Cond. ³ 3 Years													
3 Years ³													

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				4	100.0	99.5	4	4.0	0.0	100.0	99.5	0.5	1.00
1 Year				4	100.0	98.9	4	4.0	0.0	100.0	98.9	1.1	1.00
Cond. ³ 3 Years													
3 Years ³													

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Cook Ft Worth Children's Medical Center - Fort Worth TX
Provider Number 453300 (TXCF)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		4	100.0	62572	100.0
Donor Type	Living	3	75.0	14525	23.2
	Cadaveric: Stroke	1	25.0	15624	25.0
	Cadaveric: MVA	0	0.0	13317	21.3
	Cadaveric: Other	0	0.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	0	0.0	10738	17.2
	18-30	1	25.0	19464	31.1
	31-45	3	75.0	18538	29.6
	46-60	0	0.0	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	1	25.0	49654	79.4
	Black	0	0.0	6469	10.3
	Hispanic	3	75.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	2	50.0	25808	41.2
	Male	2	50.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	1	25.0	10970	17.5
	Living: 3-5	2	50.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	0	0.0	5889	9.4
	Cadaveric: 12-21	1	25.0	16112	25.7
	Cadaveric: 22-31	0	0.0	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	0	0.0	5935	9.5
	1	1	25.0	3484	5.6
	2	0	0.0	9648	15.4
	3	2	50.0	16005	25.6
	4	1	25.0	14003	22.4
	5	0	0.0	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	4	100.0	3951	6.3
	18-35	0	0.0	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	2	50.0	41213	65.9
	Black	0	0.0	12675	20.3
	Hispanic	2	50.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	1	25.0	25078	40.1
	Male	3	75.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	4	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	4	100.0	54138	86.5
	Yes	0	0.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	1	25.0	19677	31.4
	1-5	0	0.0	23207	37.1
	6-10	0	0.0	5736	9.2
	11+	0	0.0	5280	8.4
	Not Reported	3	75.0	8672	13.9
Peak PRA Prior to Transplant	0	4	100.0	20469	32.7
	1- 19	0	0.0	26645	42.6
	20- 79	0	0.0	9976	15.9
	80-100	0	0.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	1	25.0	11726	18.7
	21-25	2	50.0	23821	38.1
	26-30	0	0.0	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	1	25.0	8809	14.1
Primary Kidney Disease	Glomerular	2	50.0	16923	27.0
	Cystic/Congenital	2	50.0	7349	11.7
	Systemic	0	0.0	11759	18.8
	Tubulointerstitial	0	0.0	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	0	0.0	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	4	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	0	0.0	10077	16.1
	1992	0	0.0	10157	16.2
	1993-1994	4	100.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	0	0.0	5716	9.1
	No	0	0.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	1	25.0	7249	11.6
	N/A*: No	3	75.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	0	0.0	13559	21.7
	No	0	0.0	19634	31.4
	N/A*: Yes	1	25.0	12277	19.6
	N/A*: No	3	75.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Children's Medical Center - Dallas TX
Provider Number 453302 (TXCM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	51	78.4	84.0	35	82.9	91.3	86	86	17	80.2	87.0	-6.7	0.05
1 Year	51	70.3	78.4	35	82.3	87.8	86	83	21	75.1	82.2	-7.1	0.07
Cond. ³ 3 Years	35	91.1	85.3				35	32	3	91.1	85.3	5.9	0.32
3 Years ³		64.1	66.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	48	95.6	98.4	35	100.0	98.9	80	78.5	2.0	97.5	98.6	-1.2	0.36
1 Year	48	91.0	96.9	35	96.9	97.3	80	75.0	5.0	93.5	97.1	-3.6	0.06
Cond. ³ 3 Years	41	97.4	97.9				41	36.5	1.0	97.4	97.9	-0.4	0.86
3 Years ³		88.7	94.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Children's Medical Center - Dallas TX
Provider Number 453302 (TXCM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		86	100.0	62572	100.0
Donor Type	Living	37	43.0	14525	23.2
	Cadaveric: Stroke	13	15.1	15624	25.0
	Cadaveric: MVA	11	12.8	13317	21.3
	Cadaveric: Other	25	29.1	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	22	25.6	10738	17.2
	18-30	26	30.2	19464	31.1
	31-45	31	36.0	18538	29.6
	46-60	7	8.1	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	59	68.6	49654	79.4
	Black	10	11.6	6469	10.3
	Hispanic	14	16.3	4943	7.9
	Asian	2	2.3	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	1	1.2	85	0.1
Donor Gender	Female	34	39.5	25808	41.2
	Male	52	60.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	28	32.6	10970	17.5
	Living: 3-5	1	1.2	640	1.0
	Living: 6+	4	4.7	551	0.9
	Cadaveric: 0-11	9	10.5	5889	9.4
	Cadaveric: 12-21	22	25.6	16112	25.7
	Cadaveric: 22-31	13	15.1	14287	22.8
	Cadaveric: 32-41	2	2.3	7669	12.3
	Cadaveric: 42+	2	2.3	2519	4.0
	Not Reported	5	5.8	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	5	5.8	5935	9.5
	1	1	1.2	3484	5.6
	2	17	19.8	9648	15.4
	3	21	24.4	16005	25.6
	4	16	18.6	14003	22.4
	5	18	20.9	8963	14.3
	6	8	9.3	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	84	97.7	3951	6.3
	18-35	2	2.3	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	54	62.8	41213	65.9
	Black	17	19.8	12675	20.3
	Hispanic	11	12.8	5632	9.0
	Asian	4	4.7	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	39	45.3	25078	40.1
	Male	47	54.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	86	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	67	77.9	54138	86.5
	Yes	19	22.1	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	21	24.4	19677	31.4
	1-5	29	33.7	23207	37.1
	6-10	8	9.3	5736	9.2
	11+	19	22.1	5280	8.4
	Not Reported	9	10.5	8672	13.9
Peak PRA Prior to Transplant	0	24	27.9	20469	32.7
	1- 19	42	48.8	26645	42.6
	20- 79	11	12.8	9976	15.9
	80-100	3	3.5	4277	6.8
	Not Reported	6	7.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	57	66.3	11726	18.7
	21-25	15	17.4	23821	38.1
	26-30	0	0.0	12454	19.9
	31+	1	1.2	5762	9.2
	Not Reported	13	15.1	8809	14.1
Primary Kidney Disease	Glomerular	23	26.7	16923	27.0
	Cystic/Congenital	23	26.7	7349	11.7
	Systemic	4	4.7	11759	18.8
	Tubulointerstitial	20	23.3	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	11	12.8	5271	8.4
	Not Reported	5	5.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	84	97.7	59280	94.7
	Hospitalized	1	1.2	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	1.2	906	1.4
Year of Transplant	1988	16	18.6	9021	14.4
	1989	13	15.1	8951	14.3
	1990	10	11.6	9819	15.7
	1991	7	8.1	10077	16.1
	1992	19	22.1	10157	16.2
	1993-1994	21	24.4	14547	23.2
Dialysis in First Week After Transplant*	Yes	5	5.8	5716	9.1
	No	29	33.7	26528	42.4
	Not Reported	1	1.2	949	1.5
	N/A*: Yes	15	17.4	7249	11.6
	N/A*: No	34	39.5	21509	34.4
	N/A*: Not Reported	2	2.3	621	1.0
Rejection in First 6 Months After Transplant*	Yes	23	26.7	13559	21.7
	No	12	14.0	19634	31.4
	N/A*: Yes	17	19.8	12277	19.6
	N/A*: No	34	39.5	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Harris Methodist - Fort Worth TX
Provider Number 450135 (TXFW)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	106	82.1	89.1	79	86.1	90.4	185	185	30	83.8	89.7	-5.9	<0.01*
1 Year	106	78.2	84.0	79	80.9	85.2	185	183	38	79.4	84.5	-5.1	0.05*
Cond. ³ 3 Years	82	89.0	91.0				82	80	9	89.0	91.0	-2.0	0.52
3 Years ³		69.6	76.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	104	98.1	97.6	77	96.0	97.6	180	178.0	5.0	97.2	97.6	-0.4	0.72
1 Year	104	98.0	95.2	77	93.3	94.8	180	176.0	7.0	96.1	95.1	1.0	0.53
Cond. ³ 3 Years	101	93.9	95.6				101	95.5	6.0	93.9	95.6	-1.7	0.41
3 Years ³		92.1	91.1										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Harris Methodist - Fort Worth TX
Provider Number 450135 (TXFW)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		185	100.0	62572	100.0
Donor Type	Living	19	10.3	14525	23.2
	Cadaveric: Stroke	50	27.0	15624	25.0
	Cadaveric: MVA	53	28.6	13317	21.3
	Cadaveric: Other	63	34.1	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	37	20.0	10738	17.2
	18-30	71	38.4	19464	31.1
	31-45	46	24.9	18538	29.6
	46-60	25	13.5	11397	18.2
	61+	6	3.2	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	140	75.7	49654	79.4
	Black	20	10.8	6469	10.3
	Hispanic	18	9.7	4943	7.9
	Asian	4	2.2	801	1.3
	Other	3	1.6	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	72	38.9	25808	41.2
	Male	113	61.1	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	11	5.9	10970	17.5
	Living: 3-5	8	4.3	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	5	2.7	5889	9.4
	Cadaveric: 12-21	94	50.8	16112	25.7
	Cadaveric: 22-31	66	35.7	14287	22.8
	Cadaveric: 32-41	1	0.5	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	11	5.9	5935	9.5
	1	5	2.7	3484	5.6
	2	14	7.6	9648	15.4
	3	21	11.4	16005	25.6
	4	54	29.2	14003	22.4
	5	60	32.4	8963	14.3
	6	20	10.8	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	8	4.3	3951	6.3
	18-35	64	34.6	20414	32.6
	36-45	58	31.4	16397	26.2
	46-60	40	21.6	17170	27.4
	61+	15	8.1	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	107	57.8	41213	65.9
	Black	45	24.3	12675	20.3
	Hispanic	28	15.1	5632	9.0
	Asian	4	2.2	1740	2.8
	Other	1	0.5	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	69	37.3	25078	40.1
	Male	116	62.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	185	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	169	91.4	54138	86.5
	Yes	16	8.6	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	72	38.9	19677	31.4
	1-5	85	45.9	23207	37.1
	6-10	21	11.4	5736	9.2
	11+	5	2.7	5280	8.4
	Not Reported	2	1.1	8672	13.9
Peak PRA Prior to Transplant	0	147	79.5	20469	32.7
	1- 19	21	11.4	26645	42.6
	20- 79	12	6.5	9976	15.9
	80-100	5	2.7	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	38	20.5	11726	18.7
	21-25	77	41.6	23821	38.1
	26-30	46	24.9	12454	19.9
	31+	24	13.0	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	69	37.3	16923	27.0
	Cystic/Congenital	17	9.2	7349	11.7
	Systemic	31	16.8	11759	18.8
	Tubulointerstitial	17	9.2	4233	6.8
	Diabetes	36	19.5	14059	22.5
	Other Diagnosis	13	7.0	5271	8.4
	Not Reported	2	1.1	2978	4.8
Recipient Description at Transplant	Not Hospitalized	183	98.9	59280	94.7
	Hospitalized	2	1.1	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	20	10.8	9021	14.4
	1989	29	15.7	8951	14.3
	1990	20	10.8	9819	15.7
	1991	25	13.5	10077	16.1
	1992	33	17.8	10157	16.2
	1993-1994	58	31.4	14547	23.2
Dialysis in First Week After Transplant*	Yes	6	3.2	5716	9.1
	No	76	41.1	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	17	9.2	7249	11.6
	N/A*: No	86	46.5	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	24	13.0	13559	21.7
	No	58	31.4	19634	31.4
	N/A*: Yes	45	24.3	12277	19.6
	N/A*: No	58	31.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Harris Methodist Fort Worth
1302 Pennsylvania Ave., Fort Worth, TX 76104
Provider Number 450135 (TXFW)**

May 7, 1997

Harris Methodist Fort Worth's (HMF) center specific kidney and patients survival statistics are reported from UNOS. As in years past, the raw data fails to acknowledge the dynamism that exists in transplantation. As a result, cadaveric and living related transplant, multiple protocol transplants and an aging transplant population are lumped into one group. The attempt at case mix adjustment for HMF has yielded somewhat confusing expected graft survival rates.

The donor case mix at HMF is 10.3% living (23.2% nationally) and 89.7% cadaveric. Using graft survival statistics published by UNOS for the years 1988-1994 inclusive, this mix of living vs. cadaver transplants predicts an expected one year graft survival rate of 82.1%. Despite negative co-morbid factors of more African-American recipients (24.3% vs. 20.3%), higher degrees of mismatching (4.0 vs. 3.2), lower percentage of living donors and similar age, gender, primary diagnosis and weight characteristic, UNOS's expected graft survival rate for HMF at one year is 84.5%, 3.4% higher than the unadjusted average. While positive co-morbid predictor of fewer retransplants and lower PRA's may compensate for the some of the negative factors, it is unacceptable that this degree of overcompensation is found.

The UNOS data also fail to take into account the socio-economic status of the patient. As Medical Director of a program that transplants a higher percentage of poor Hispanic patient, I do not accept the contention from UNOS that their graft survival is better than average. The language barrier, higher incidence of diabetes and economic limits make these patients much more of a challenge.

Finally, this eclectic group of patients doesn't afford us a chance to see what approaches have been positive and which negative. It also gives no indication of what is happening now. Prior to 1991, our African American graft survival statistics were unacceptable to us. Instituting a monoclonal antibody induction protocol significantly increased graft survival and has been very positive. Adult graft survival rates at one year have been consistently in the upper 80's. However, our brief foray into pediatric transplantation was not successful. Responding to our community request, we attempted to add pediatric transplantation to our adult program. Of the eight transplants done two were removed with recurrent focal sclerosis with function but albumins of < 1 gm/L., two were lost for technical reasons, one lost from noncompliance, and one lost from rejection. The negative impact on the graft survival number is compounded by four of the six losses being living donors. Realizing that our adult program was not set up for pediatrics, we assisted our local pediatric hospital in establishing their own now successful program. Excluding the negative impact of our ill fated pediatric attempt, the one year graft survival rate is 81.7%.

Unfortunately, I do not believe there is an easy answer to the dilemma of how best to present these statistics. Raw numbers would please no one, however, case mix analysis also has its flaws as it is impossible to accurately trap all contributing variables. I believe that trying to project performance over six year period in such a dynamic field as transplantation is an impossible task. New drugs and their uneven availability may dramatically effect comparative statistics between centers. New protocols may yield positive or negative results. By UNOS's methodology, a lost graft hurts more than a successful graft helps. What is perhaps most important is what is happening now. Of the last 100 patients with grafts at risk for one year, 91% had function at 90 days and 89% had function at 365 days. It should all come down to whether the community believes its needs are being met. This is the ultimate test.

Charles E. Andrews, Jr. MD
Medical Director, Harris Methodist Fort Worth



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Hermann Hospital - Houston TX
Provider Number 450068 (TXHH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	430	82.2	86.9	197	89.2	90.1	627	618	97	84.4	87.9	-3.5	<0.01*
1 Year	430	74.6	81.2	197	83.9	85.2	627	606	138	77.6	82.5	-4.9	<0.01*
Cond. ³ 3 Years	306	87.5	89.9				306	255	35	87.5	89.9	-2.4	0.17
3 Years ³		65.3	73.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	413	97.1	97.0	197	96.3	97.8	608	573.5	18.5	96.9	97.3	-0.4	0.50
1 Year	413	92.4	94.2	197	94.0	95.2	608	535.0	39.5	92.9	94.5	-1.6	0.09
Cond. ³ 3 Years	330	95.5	94.6				330	250.5	13.0	95.5	94.6	0.9	0.49
3 Years ³		88.2	89.0										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Hermann Hospital - Houston TX
Provider Number 450068 (TXHH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		627	100.0	62572	100.0
Donor Type	Living	214	34.1	14525	23.2
	Cadaveric: Stroke	119	19.0	15624	25.0
	Cadaveric: MVA	110	17.5	13317	21.3
	Cadaveric: Other	184	29.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	109	17.4	10738	17.2
	18-30	208	33.2	19464	31.1
	31-45	191	30.5	18538	29.6
	46-60	98	15.6	11397	18.2
	61+	21	3.3	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	424	67.6	49654	79.4
	Black	90	14.4	6469	10.3
	Hispanic	98	15.6	4943	7.9
	Asian	11	1.8	801	1.3
	Other	2	0.3	620	1.0
	Not Reported	2	0.3	85	0.1
Donor Gender	Female	252	40.2	25808	41.2
	Male	375	59.8	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	195	31.1	10970	17.5
	Living: 3-5	4	0.6	640	1.0
	Living: 6+	6	1.0	551	0.9
	Cadaveric: 0-11	80	12.8	5889	9.4
	Cadaveric: 12-21	179	28.5	16112	25.7
	Cadaveric: 22-31	87	13.9	14287	22.8
	Cadaveric: 32-41	41	6.5	7669	12.3
	Cadaveric: 42+	15	2.4	2519	4.0
	Not Reported	20	3.2	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	38	6.1	5935	9.5
	1	25	4.0	3484	5.6
	2	85	13.6	9648	15.4
	3	140	22.3	16005	25.6
	4	136	21.7	14003	22.4
	5	134	21.4	8963	14.3
	6	60	9.6	3009	4.8
	Not Reported	9	1.4	1525	2.4
Recipient Age	0-17	36	5.7	3951	6.3
	18-35	178	28.4	20414	32.6
	36-45	191	30.5	16397	26.2
	46-60	176	28.1	17170	27.4
	61+	46	7.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	276	44.0	41213	65.9
	Black	166	26.5	12675	20.3
	Hispanic	151	24.1	5632	9.0
	Asian	17	2.7	1740	2.8
	Other	16	2.6	1231	2.0
	Not Reported	1	0.2	81	0.1
Recipient Gender	Female	253	40.4	25078	40.1
	Male	374	59.6	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	627	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	534	85.2	54138	86.5
	Yes	92	14.7	8247	13.2
	Not Reported	1	0.2	187	0.3
Pretransplant Transfusions	0	255	40.7	19677	31.4
	1-5	223	35.6	23207	37.1
	6-10	43	6.9	5736	9.2
	11+	34	5.4	5280	8.4
	Not Reported	72	11.5	8672	13.9
Peak PRA Prior to Transplant	0	59	9.4	20469	32.7
	1- 19	286	45.6	26645	42.6
	20- 79	183	29.2	9976	15.9
	80-100	92	14.7	4277	6.8
	Not Reported	7	1.1	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	98	15.6	11726	18.7
	21-25	202	32.2	23821	38.1
	26-30	143	22.8	12454	19.9
	31+	45	7.2	5762	9.2
	Not Reported	139	22.2	8809	14.1
Primary Kidney Disease	Glomerular	98	15.6	16923	27.0
	Cystic/Congenital	79	12.6	7349	11.7
	Systemic	192	30.6	11759	18.8
	Tubulointerstitial	29	4.6	4233	6.8
	Diabetes	122	19.5	14059	22.5
	Other Diagnosis	57	9.1	5271	8.4
	Not Reported	50	8.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	547	87.2	59280	94.7
	Hospitalized	63	10.0	1917	3.1
	ICU/Life Support	2	0.3	469	0.7
	Not Reported	15	2.4	906	1.4
Year of Transplant	1988	89	14.2	9021	14.4
	1989	94	15.0	8951	14.3
	1990	103	16.4	9819	15.7
	1991	109	17.4	10077	16.1
	1992	112	17.9	10157	16.2
	1993-1994	120	19.1	14547	23.2
Dialysis in First Week After Transplant*	Yes	26	4.1	5716	9.1
	No	251	40.0	26528	42.4
	Not Reported	29	4.6	949	1.5
	N/A*: Yes	55	8.8	7249	11.6
	N/A*: No	248	39.6	21509	34.4
	N/A*: Not Reported	18	2.9	621	1.0
Rejection in First 6 Months After Transplant*	Yes	48	7.7	13559	21.7
	No	258	41.1	19634	31.4
	N/A*: Yes	51	8.1	12277	19.6
	N/A*: No	270	43.1	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Hermann Hospital
6411 Fannin, Houston, TX 77030
Provider Number 450068 (TXHH)**

May 9, 1997

Our Center is at the forefront of the development of new immunosuppressive therapies as one of the three original U.S. Centers to test Cyclosporine and then as the only site to develop Rapamycin with experience in the use of Rapamycin in over 200 renal transplant recipients. The reader should note that during the 1988-1992 time period we were testing a number of new adjunctive immunosuppressive agents that proved to be ineffective. The results in the second era May 1992 to April 1994 document better outcomes, which indeed show an even greater success rate in the present era of use of the Cyclosporine/Rapamycin combination without adjunctive steroids.

Our survival figures have not been adjusted for the combined impact of multiple risk factors: 53% of our recipients received kidneys mismatched at 4 or more HLA alleles, 55.3% of our recipients were not Caucasians, 41% of our recipients were non-transfused with whole blood, and 44.1% displayed pre-transplant PRA values greater than 20%. Virtually every recipient has at least 3 risk factors. The UNOS figures do not account for all risk factors and are unduly inflated for outcome.

We achieve better access of recipients of minority races to transplant than the average UNOS Center due to our policy of allocating kidneys almost entirely based on waiting times.

Barry D. Kahan, Ph.D., M.D.
Professor of Surgery
Director, Division of Immunology and Organ Transplantation



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for St Luke's Episcopal Hospital - Houston TX
Provider Number 450193 (TXHI)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	143	86.0	88.2	116	87.9	88.7	259	259	34	86.9	88.4	-1.5	0.43
1 Year	143	79.6	82.8	116	81.9	83.0	259	257	50	80.6	82.9	-2.3	0.32
Cond. ³ 3 Years	112	88.1	91.3				112	107	13	88.1	91.3	-3.3	0.22
3 Years ³		70.1	75.6										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	139	98.2	97.1	115	96.4	97.6	251	246.5	6.5	97.4	97.3	0.1	0.96
1 Year	139	93.7	94.3	115	94.9	94.7	251	236.5	14.0	94.2	94.4	-0.2	0.87
Cond. ³ 3 Years	124	94.6	94.4				124	117.0	6.5	94.6	94.4	0.2	0.92
3 Years ³		88.6	89.0										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

St Luke's Episcopal Hospital - Houston TX
Provider Number 450193 (TXHI)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		259	100.0	62572	100.0
Donor Type	Living	43	16.6	14525	23.2
	Cadaveric: Stroke	89	34.4	15624	25.0
	Cadaveric: MVA	37	14.3	13317	21.3
	Cadaveric: Other	90	34.7	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	32	12.4	10738	17.2
	18-30	79	30.5	19464	31.1
	31-45	95	36.7	18538	29.6
	46-60	48	18.5	11397	18.2
	61+	5	1.9	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	191	73.7	49654	79.4
	Black	29	11.2	6469	10.3
	Hispanic	36	13.9	4943	7.9
	Asian	2	0.8	801	1.3
	Other	1	0.4	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	111	42.9	25808	41.2
	Male	148	57.1	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	41	15.8	10970	17.5
	Living: 3-5	1	0.4	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	31	12.0	5889	9.4
	Cadaveric: 12-21	82	31.7	16112	25.7
	Cadaveric: 22-31	52	20.1	14287	22.8
	Cadaveric: 32-41	33	12.7	7669	12.3
	Cadaveric: 42+	9	3.5	2519	4.0
	Not Reported	10	3.9	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	19	7.3	5935	9.5
	1	6	2.3	3484	5.6
	2	22	8.5	9648	15.4
	3	44	17.0	16005	25.6
	4	68	26.3	14003	22.4
	5	67	25.9	8963	14.3
	6	30	11.6	3009	4.8
	Not Reported	3	1.2	1525	2.4
Recipient Age	0-17	3	1.2	3951	6.3
	18-35	85	32.8	20414	32.6
	36-45	64	24.7	16397	26.2
	46-60	93	35.9	17170	27.4
	61+	14	5.4	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	131	50.6	41213	65.9
	Black	62	23.9	12675	20.3
	Hispanic	58	22.4	5632	9.0
	Asian	6	2.3	1740	2.8
	Other	1	0.4	1231	2.0
	Not Reported	1	0.4	81	0.1
Recipient Gender	Female	102	39.4	25078	40.1
	Male	157	60.6	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	259	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	237	91.5	54138	86.5
	Yes	21	8.1	8247	13.2
	Not Reported	1	0.4	187	0.3
Pretransplant Transfusions	0	150	57.9	19677	31.4
	1-5	74	28.6	23207	37.1
	6-10	11	4.2	5736	9.2
	11+	4	1.5	5280	8.4
	Not Reported	20	7.7	8672	13.9
Peak PRA Prior to Transplant	0	55	21.2	20469	32.7
	1- 19	141	54.4	26645	42.6
	20- 79	40	15.4	9976	15.9
	80-100	21	8.1	4277	6.8
	Not Reported	2	0.8	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	23	8.9	11726	18.7
	21-25	63	24.3	23821	38.1
	26-30	41	15.8	12454	19.9
	31+	20	7.7	5762	9.2
	Not Reported	112	43.2	8809	14.1
Primary Kidney Disease	Glomerular	65	25.1	16923	27.0
	Cystic/Congenital	28	10.8	7349	11.7
	Systemic	68	26.3	11759	18.8
	Tubulointerstitial	8	3.1	4233	6.8
	Diabetes	60	23.2	14059	22.5
	Other Diagnosis	17	6.6	5271	8.4
	Not Reported	13	5.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	251	96.9	59280	94.7
	Hospitalized	5	1.9	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	3	1.2	906	1.4
Year of Transplant	1988	33	12.7	9021	14.4
	1989	29	11.2	8951	14.3
	1990	28	10.8	9819	15.7
	1991	38	14.7	10077	16.1
	1992	52	20.1	10157	16.2
	1993-1994	79	30.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	26	10.0	5716	9.1
	No	77	29.7	26528	42.4
	Not Reported	9	3.5	949	1.5
	N/A*: Yes	61	23.6	7249	11.6
	N/A*: No	85	32.8	21509	34.4
	N/A*: Not Reported	1	0.4	621	1.0
Rejection in First 6 Months After Transplant*	Yes	37	14.3	13559	21.7
	No	75	29.0	19634	31.4
	N/A*: Yes	60	23.2	12277	19.6
	N/A*: No	87	33.6	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: St. Luke's Episcopal Hospital
6720 Bertner, Houston, TX 77030
Provider Number 450193 (TXHI)**

May 9, 1997

Over 62% of our recipients are high risk based on 4 or greater HLA mismatches, yet our center is able to achieve a statistically comparable outcome to national figures despite this risk factor.

Approximately 50% of recipients are minority with equal access of unsensitized minority recipients to transplantation compared to white non-Hispanic recipients. Thus we are able to achieve better minority access to transplant than the average UNOS center with comparable outcome results.

The predicted outcome calculated by UNOS did not include as a risk factor for outcome the high percent of Hispanic recipients our center serves. However, multiple publications document the risk for graft loss this demographic group faces post transplant. Thus the UNOS figures do not account for all risk factors, and are unduly inflated for outcome.

Our center is a national referral center for cardiac disease. Many candidates have poor cardiac function or advanced cardiovascular disease, and yet are not discriminated against in gaining access for transplantation. These medical risk actors are not accounted for in calculating expected patient and graft survival figures.

Charles T. Van Buren, M.D.
Renal Transplant Program Director

Charles T. Van Buren, M.D.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for San Antonio Community Hospital - San Antonio TX
Provider Number 450631 (TXHS)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	356	87.9	89.4	193	86.4	91.8	549	545	69	87.4	90.2	-2.8	0.02*
1 Year	356	81.3	84.4	193	79.5	87.4	549	536	105	80.7	85.5	-4.8	<0.01*
Cond. ³ 3 Years	283	84.7	91.4				283	259	41	84.7	91.4	-6.7	<0.01*
3 Years ³		68.9	77.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	351	97.7	97.9	193	99.7	98.3	535	520.5	8.5	98.4	98.0	0.4	0.55
1 Year	351	94.7	95.6	193	95.1	96.0	535	502.5	26.5	94.9	95.8	-0.9	0.30
Cond. ³ 3 Years	323	95.5	95.8				323	284.0	13.5	95.5	95.8	-0.3	0.79
3 Years ³		90.5	91.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

San Antonio Community Hospital - San Antonio TX
Provider Number 450631 (TXHS)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		549	100.0	62572	100.0
Donor Type	Living	172	31.3	14525	23.2
	Cadaveric: Stroke	70	12.8	15624	25.0
	Cadaveric: MVA	111	20.2	13317	21.3
	Cadaveric: Other	195	35.5	19030	30.4
	Not Reported	1	0.2	76	0.1
Donor Age	0-17	169	30.8	10738	17.2
	18-30	163	29.7	19464	31.1
	31-45	133	24.2	18538	29.6
	46-60	70	12.8	11397	18.2
	61+	13	2.4	2394	3.8
	Not Reported	1	0.2	41	0.1
Donor Race	White	282	51.4	49654	79.4
	Black	37	6.7	6469	10.3
	Hispanic	200	36.4	4943	7.9
	Asian	4	0.7	801	1.3
	Other	24	4.4	620	1.0
	Not Reported	2	0.4	85	0.1
Donor Gender	Female	245	44.6	25808	41.2
	Male	304	55.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	171	31.1	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	0.2	551	0.9
	Cadaveric: 0-11	24	4.4	5889	9.4
	Cadaveric: 12-21	53	9.7	16112	25.7
	Cadaveric: 22-31	117	21.3	14287	22.8
	Cadaveric: 32-41	144	26.2	7669	12.3
	Cadaveric: 42+	39	7.1	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	54	9.8	5935	9.5
	1	23	4.2	3484	5.6
	2	80	14.6	9648	15.4
	3	133	24.2	16005	25.6
	4	117	21.3	14003	22.4
	5	101	18.4	8963	14.3
	6	38	6.9	3009	4.8
	Not Reported	3	0.5	1525	2.4
Recipient Age	0-17	14	2.6	3951	6.3
	18-35	188	34.2	20414	32.6
	36-45	162	29.5	16397	26.2
	46-60	160	29.1	17170	27.4
	61+	25	4.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	174	31.7	41213	65.9
	Black	51	9.3	12675	20.3
	Hispanic	319	58.1	5632	9.0
	Asian	5	0.9	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	221	40.3	25078	40.1
	Male	328	59.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	549	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	487	88.7	54138	86.5
	Yes	62	11.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	35	6.4	19677	31.4
	1-5	417	76.0	23207	37.1
	6-10	50	9.1	5736	9.2
	11+	46	8.4	5280	8.4
	Not Reported	1	0.2	8672	13.9
Peak PRA Prior to Transplant	0	114	20.8	20469	32.7
	1- 19	320	58.3	26645	42.6
	20- 79	87	15.8	9976	15.9
	80-100	28	5.1	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	90	16.4	11726	18.7
	21-25	248	45.2	23821	38.1
	26-30	132	24.0	12454	19.9
	31+	72	13.1	5762	9.2
	Not Reported	7	1.3	8809	14.1
Primary Kidney Disease	Glomerular	211	38.4	16923	27.0
	Cystic/Congenital	53	9.7	7349	11.7
	Systemic	66	12.0	11759	18.8
	Tubulointerstitial	51	9.3	4233	6.8
	Diabetes	116	21.1	14059	22.5
	Other Diagnosis	33	6.0	5271	8.4
	Not Reported	19	3.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	534	97.3	59280	94.7
	Hospitalized	14	2.6	1917	3.1
	ICU/Life Support	1	0.2	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	72	13.1	9021	14.4
	1989	63	11.5	8951	14.3
	1990	109	19.9	9819	15.7
	1991	81	14.8	10077	16.1
	1992	94	17.1	10157	16.2
	1993-1994	130	23.7	14547	23.2
Dialysis in First Week After Transplant*	Yes	64	11.7	5716	9.1
	No	219	39.9	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	94	17.1	7249	11.6
	N/A*: No	172	31.3	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	56	10.2	13559	21.7
	No	227	41.3	19634	31.4
	N/A*: Yes	44	8.0	12277	19.6
	N/A*: No	222	40.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of Texas-Medical Branch - Galveston TX
Provider Number 450018 (TXJS)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	293	89.8	87.8	130	85.3	90.4	423	421	49	88.4	88.6	-0.2	0.89
1 Year	293	82.9	82.0	130	82.1	85.1	423	418	73	82.7	82.9	-0.3	0.88
Cond. ³ 3 Years	241	84.0	89.1				241	218	37	84.0	89.1	-5.1	<0.01*
3 Years ³		69.7	73.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	287	96.1	97.0	129	97.9	97.4	410	401.0	13.5	96.7	97.1	-0.4	0.57
1 Year	287	92.5	93.9	129	95.7	94.4	410	385.0	26.0	93.4	94.1	-0.6	0.57
Cond. ³ 3 Years	255	93.0	94.6				255	225.0	17.0	93.0	94.6	-1.6	0.25
3 Years ³		86.0	88.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of Texas-Medical Branch - Galveston TX
Provider Number 450018 (TXJS)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		423	100.0	62572	100.0
Donor Type	Living	87	20.6	14525	23.2
	Cadaveric: Stroke	89	21.0	15624	25.0
	Cadaveric: MVA	92	21.7	13317	21.3
	Cadaveric: Other	155	36.6	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	86	20.3	10738	17.2
	18-30	137	32.4	19464	31.1
	31-45	116	27.4	18538	29.6
	46-60	69	16.3	11397	18.2
	61+	15	3.5	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	272	64.3	49654	79.4
	Black	41	9.7	6469	10.3
	Hispanic	107	25.3	4943	7.9
	Asian	3	0.7	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	184	43.5	25808	41.2
	Male	239	56.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	85	20.1	10970	17.5
	Living: 3-5	1	0.2	640	1.0
	Living: 6+	1	0.2	551	0.9
	Cadaveric: 0-11	57	13.5	5889	9.4
	Cadaveric: 12-21	115	27.2	16112	25.7
	Cadaveric: 22-31	99	23.4	14287	22.8
	Cadaveric: 32-41	45	10.6	7669	12.3
	Cadaveric: 42+	18	4.3	2519	4.0
	Not Reported	2	0.5	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	20	4.7	5935	9.5
	1	19	4.5	3484	5.6
	2	46	10.9	9648	15.4
	3	78	18.4	16005	25.6
	4	109	25.8	14003	22.4
	5	95	22.5	8963	14.3
	6	43	10.2	3009	4.8
	Not Reported	13	3.1	1525	2.4
Recipient Age	0-17	58	13.7	3951	6.3
	18-35	136	32.2	20414	32.6
	36-45	97	22.9	16397	26.2
	46-60	107	25.3	17170	27.4
	61+	25	5.9	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	214	50.6	41213	65.9
	Black	92	21.7	12675	20.3
	Hispanic	114	27.0	5632	9.0
	Asian	3	0.7	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	168	39.7	25078	40.1
	Male	255	60.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	366	86.5	59783	95.5
	Kidney and Pancreas	57	13.5	2789	4.5
Previous Kidney Transplant	No	370	87.5	54138	86.5
	Yes	53	12.5	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	101	23.9	19677	31.4
	1-5	259	61.2	23207	37.1
	6-10	47	11.1	5736	9.2
	11+	15	3.5	5280	8.4
	Not Reported	1	0.2	8672	13.9
Peak PRA Prior to Transplant	0	208	49.2	20469	32.7
	1- 19	150	35.5	26645	42.6
	20- 79	39	9.2	9976	15.9
	80-100	26	6.1	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	114	27.0	11726	18.7
	21-25	161	38.1	23821	38.1
	26-30	96	22.7	12454	19.9
	31+	45	10.6	5762	9.2
	Not Reported	7	1.7	8809	14.1
Primary Kidney Disease	Glomerular	100	23.6	16923	27.0
	Cystic/Congenital	40	9.5	7349	11.7
	Systemic	89	21.0	11759	18.8
	Tubulointerstitial	29	6.9	4233	6.8
	Diabetes	119	28.1	14059	22.5
	Other Diagnosis	22	5.2	5271	8.4
	Not Reported	24	5.7	2978	4.8
Recipient Description at Transplant	Not Hospitalized	418	98.8	59280	94.7
	Hospitalized	5	1.2	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	66	15.6	9021	14.4
	1989	83	19.6	8951	14.3
	1990	58	13.7	9819	15.7
	1991	68	16.1	10077	16.1
	1992	63	14.9	10157	16.2
	1993-1994	85	20.1	14547	23.2
Dialysis in First Week After Transplant*	Yes	51	12.1	5716	9.1
	No	190	44.9	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	56	13.2	7249	11.6
	N/A*: No	126	29.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	121	28.6	13559	21.7
	No	120	28.4	19634	31.4
	N/A*: Yes	78	18.4	12277	19.6
	N/A*: No	104	24.6	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University Medical Center - Lubbock TX
Provider Number 450686 (TXLG)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	35	94.3	87.6	24	95.8	91.3	59	59	3	94.9	89.1	5.8	0.14
1 Year	35	82.9	82.2	24	87.5	87.1	59	59	9	84.7	84.2	0.6	0.90
Cond. ³ 3 Years	29	92.8	92.2				29	26	2	92.8	92.2	0.6	0.91
3 Years ³		76.9	75.8										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	34	97.0	97.5	24	95.7	98.0	58	57.0	2.0	96.5	97.7	-1.2	0.53
1 Year	34	94.0	94.7	24	87.2	95.5	58	57.0	5.0	91.2	95.1	-3.8	0.17
Cond. ³ 3 Years	32	96.7	94.4				32	28.5	1.0	96.7	94.4	2.3	0.59
3 Years ³		90.9	89.5										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University Medical Center - Lubbock TX
Provider Number 450686 (TXLG)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		59	100.0	62572	100.0
Donor Type	Living	23	39.0	14525	23.2
	Cadaveric: Stroke	10	16.9	15624	25.0
	Cadaveric: MVA	8	13.6	13317	21.3
	Cadaveric: Other	18	30.5	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	16	27.1	10738	17.2
	18-30	20	33.9	19464	31.1
	31-45	12	20.3	18538	29.6
	46-60	10	16.9	11397	18.2
	61+	1	1.7	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	29	49.2	49654	79.4
	Black	5	8.5	6469	10.3
	Hispanic	24	40.7	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	1	1.7	85	0.1
Donor Gender	Female	25	42.4	25808	41.2
	Male	34	57.6	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	21	35.6	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	7	11.9	5889	9.4
	Cadaveric: 12-21	11	18.6	16112	25.7
	Cadaveric: 22-31	13	22.0	14287	22.8
	Cadaveric: 32-41	1	1.7	7669	12.3
	Cadaveric: 42+	1	1.7	2519	4.0
	Not Reported	5	8.5	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	2	3.4	5935	9.5
	1	3	5.1	3484	5.6
	2	6	10.2	9648	15.4
	3	17	28.8	16005	25.6
	4	11	18.6	14003	22.4
	5	13	22.0	8963	14.3
	6	7	11.9	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	5	8.5	3951	6.3
	18-35	18	30.5	20414	32.6
	36-45	19	32.2	16397	26.2
	46-60	13	22.0	17170	27.4
	61+	4	6.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	24	40.7	41213	65.9
	Black	7	11.9	12675	20.3
	Hispanic	28	47.5	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	20	33.9	25078	40.1
	Male	39	66.1	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	59	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	54	91.5	54138	86.5
	Yes	5	8.5	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	15	25.4	19677	31.4
	1-5	19	32.2	23207	37.1
	6-10	0	0.0	5736	9.2
	11+	3	5.1	5280	8.4
	Not Reported	22	37.3	8672	13.9
Peak PRA Prior to Transplant	0	7	11.9	20469	32.7
	1- 19	34	57.6	26645	42.6
	20- 79	16	27.1	9976	15.9
	80-100	1	1.7	4277	6.8
	Not Reported	1	1.7	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	7	11.9	11726	18.7
	21-25	20	33.9	23821	38.1
	26-30	22	37.3	12454	19.9
	31+	10	16.9	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	10	16.9	16923	27.0
	Cystic/Congenital	4	6.8	7349	11.7
	Systemic	8	13.6	11759	18.8
	Tubulointerstitial	2	3.4	4233	6.8
	Diabetes	24	40.7	14059	22.5
	Other Diagnosis	7	11.9	5271	8.4
	Not Reported	4	6.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	57	96.6	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	2	3.4	906	1.4
Year of Transplant	1988	7	11.9	9021	14.4
	1989	8	13.6	8951	14.3
	1990	6	10.2	9819	15.7
	1991	10	16.9	10077	16.1
	1992	13	22.0	10157	16.2
	1993-1994	15	25.4	14547	23.2
Dialysis in First Week After Transplant*	Yes	4	6.8	5716	9.1
	No	25	42.4	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	7	11.9	7249	11.6
	N/A*: No	22	37.3	21509	34.4
	N/A*: Not Reported	1	1.7	621	1.0
Rejection in First 6 Months After Transplant*	Yes	9	15.3	13559	21.7
	No	20	33.9	19634	31.4
	N/A*: Yes	5	8.5	12277	19.6
	N/A*: No	25	42.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Methodist Hospital - Lubbock TX
Provider Number 450457 (TXLM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	38	94.7	89.3	39	97.4	89.3	77	77	3	96.1	89.3	6.8	0.05
1 Year	38	94.7	84.7	39	94.9	84.8	77	77	4	94.8	84.7	10.1	0.01*
Cond. ³ 3 Years	36	91.6	92.0				36	35	3	91.6	92.0	-0.4	0.93
3 Years ³		86.8	77.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	38	100.0	97.9	39	100.0	97.9	76	76.0	0.0	100.0	97.9	2.1	0.20
1 Year	38	100.0	95.7	39	100.0	95.5	76	76.0	0.0	100.0	95.6	4.4	0.06
Cond. ³ 3 Years	38	94.6	95.6				38	35.0	2.0	94.6	95.6	-1.0	0.77
3 Years ³		94.6	91.4										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Methodist Hospital - Lubbock TX
Provider Number 450457 (TXLM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		77	100.0	62572	100.0
Donor Type	Living	21	27.3	14525	23.2
	Cadaveric: Stroke	24	31.2	15624	25.0
	Cadaveric: MVA	11	14.3	13317	21.3
	Cadaveric: Other	21	27.3	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	22	28.6	10738	17.2
	18-30	18	23.4	19464	31.1
	31-45	20	26.0	18538	29.6
	46-60	15	19.5	11397	18.2
	61+	2	2.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	58	75.3	49654	79.4
	Black	1	1.3	6469	10.3
	Hispanic	17	22.1	4943	7.9
	Asian	1	1.3	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	38	49.4	25808	41.2
	Male	39	50.6	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	19	24.7	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	1.3	551	0.9
	Cadaveric: 0-11	9	11.7	5889	9.4
	Cadaveric: 12-21	29	37.7	16112	25.7
	Cadaveric: 22-31	17	22.1	14287	22.8
	Cadaveric: 32-41	1	1.3	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	1	1.3	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	3	3.9	5935	9.5
	1	4	5.2	3484	5.6
	2	6	7.8	9648	15.4
	3	23	29.9	16005	25.6
	4	17	22.1	14003	22.4
	5	19	24.7	8963	14.3
	6	5	6.5	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	2	2.6	3951	6.3
	18-35	26	33.8	20414	32.6
	36-45	26	33.8	16397	26.2
	46-60	17	22.1	17170	27.4
	61+	6	7.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	51	66.2	41213	65.9
	Black	3	3.9	12675	20.3
	Hispanic	21	27.3	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	2	2.6	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	29	37.7	25078	40.1
	Male	48	62.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	77	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	71	92.2	54138	86.5
	Yes	6	7.8	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	32	41.6	19677	31.4
	1-5	0	0.0	23207	37.1
	6-10	0	0.0	5736	9.2
	11+	0	0.0	5280	8.4
	Not Reported	45	58.4	8672	13.9
Peak PRA Prior to Transplant	0	7	9.1	20469	32.7
	1- 19	48	62.3	26645	42.6
	20- 79	21	27.3	9976	15.9
	80-100	1	1.3	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	6	7.8	11726	18.7
	21-25	36	46.8	23821	38.1
	26-30	25	32.5	12454	19.9
	31+	9	11.7	5762	9.2
	Not Reported	1	1.3	8809	14.1
Primary Kidney Disease	Glomerular	29	37.7	16923	27.0
	Cystic/Congenital	7	9.1	7349	11.7
	Systemic	14	18.2	11759	18.8
	Tubulointerstitial	3	3.9	4233	6.8
	Diabetes	16	20.8	14059	22.5
	Other Diagnosis	7	9.1	5271	8.4
	Not Reported	1	1.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	77	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	6	7.8	9819	15.7
	1991	20	26.0	10077	16.1
	1992	28	36.4	10157	16.2
	1993-1994	23	29.9	14547	23.2
Dialysis in First Week After Transplant*	Yes	16	20.8	5716	9.1
	No	19	24.7	26528	42.4
	Not Reported	1	1.3	949	1.5
	N/A*: Yes	8	10.4	7249	11.6
	N/A*: No	33	42.9	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	23	29.9	13559	21.7
	No	13	16.9	19634	31.4
	N/A*: Yes	15	19.5	12277	19.6
	N/A*: No	26	33.8	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Methodist Medical Center - Dallas TX
Provider Number 450051 (TXMC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	428	89.2	88.0	162	88.9	91.1	590	587	64	89.1	88.8	0.3	0.81
1 Year	428	85.4	82.3	162	86.9	86.2	590	584	83	85.8	83.4	2.5	0.10
Cond. ³ 3 Years	362	92.8	90.7				362	335	25	92.8	90.7	2.1	0.16
3 Years ³		79.3	74.7										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	418	97.3	96.7	161	97.4	97.6	571	561.7	15.0	97.3	97.0	0.4	0.60
1 Year	418	96.7	93.5	161	95.5	94.7	571	557.7	20.5	96.3	93.8	2.5	0.01*
Cond. ³ 3 Years	399	95.1	93.8				399	373.5	19.0	95.1	93.8	1.2	0.29
3 Years ³		91.9	87.7										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Methodist Medical Center - Dallas TX
Provider Number 450051 (TXMC)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		590	100.0	62572	100.0
Donor Type	Living	133	22.5	14525	23.2
	Cadaveric: Stroke	116	19.7	15624	25.0
	Cadaveric: MVA	126	21.4	13317	21.3
	Cadaveric: Other	214	36.3	19030	30.4
	Not Reported	1	0.2	76	0.1
Donor Age	0-17	151	25.6	10738	17.2
	18-30	175	29.7	19464	31.1
	31-45	161	27.3	18538	29.6
	46-60	96	16.3	11397	18.2
	61+	7	1.2	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	434	73.6	49654	79.4
	Black	61	10.3	6469	10.3
	Hispanic	89	15.1	4943	7.9
	Asian	3	0.5	801	1.3
	Other	3	0.5	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	235	39.8	25808	41.2
	Male	355	60.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	129	21.9	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	31	5.3	5889	9.4
	Cadaveric: 12-21	217	36.8	16112	25.7
	Cadaveric: 22-31	176	29.8	14287	22.8
	Cadaveric: 32-41	32	5.4	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	5	0.8	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	59	10.0	5935	9.5
	1	20	3.4	3484	5.6
	2	43	7.3	9648	15.4
	3	111	18.8	16005	25.6
	4	151	25.6	14003	22.4
	5	142	24.1	8963	14.3
	6	62	10.5	3009	4.8
	Not Reported	2	0.3	1525	2.4
Recipient Age	0-17	9	1.5	3951	6.3
	18-35	187	31.7	20414	32.6
	36-45	154	26.1	16397	26.2
	46-60	180	30.5	17170	27.4
	61+	60	10.2	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	338	57.3	41213	65.9
	Black	125	21.2	12675	20.3
	Hispanic	105	17.8	5632	9.0
	Asian	12	2.0	1740	2.8
	Other	10	1.7	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	257	43.6	25078	40.1
	Male	333	56.4	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	555	94.1	59783	95.5
	Kidney and Pancreas	35	5.9	2789	4.5
Previous Kidney Transplant	No	501	84.9	54138	86.5
	Yes	89	15.1	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	280	47.5	19677	31.4
	1-5	218	36.9	23207	37.1
	6-10	47	8.0	5736	9.2
	11+	45	7.6	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	424	71.9	20469	32.7
	1- 19	92	15.6	26645	42.6
	20- 79	51	8.6	9976	15.9
	80-100	19	3.2	4277	6.8
	Not Reported	4	0.7	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	130	22.0	11726	18.7
	21-25	251	42.5	23821	38.1
	26-30	147	24.9	12454	19.9
	31+	62	10.5	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	145	24.6	16923	27.0
	Cystic/Congenital	47	8.0	7349	11.7
	Systemic	134	22.7	11759	18.8
	Tubulointerstitial	40	6.8	4233	6.8
	Diabetes	159	26.9	14059	22.5
	Other Diagnosis	47	8.0	5271	8.4
	Not Reported	18	3.1	2978	4.8
Recipient Description at Transplant	Not Hospitalized	588	99.7	59280	94.7
	Hospitalized	2	0.3	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	117	19.8	9021	14.4
	1989	107	18.1	8951	14.3
	1990	84	14.2	9819	15.7
	1991	102	17.3	10077	16.1
	1992	58	9.8	10157	16.2
	1993-1994	122	20.7	14547	23.2
Dialysis in First Week After Transplant*	Yes	38	6.4	5716	9.1
	No	324	54.9	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	58	9.8	7249	11.6
	N/A*: No	170	28.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	219	37.1	13559	21.7
	No	143	24.2	19634	31.4
	N/A*: Yes	120	20.3	12277	19.6
	N/A*: No	108	18.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for The Methodist Hospital - Houston TX Provider Number 450358 (TXMH)

Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	184	89.1	87.9	74	93.2	90.2	258	257	25	90.3	88.6	1.7	0.39
1 Year	184	83.5	82.5	74	84.8	84.6	258	251	41	83.9	83.1	0.8	0.73
Cond. ³ 3 Years	145	91.9	89.9				145	128	11	91.9	89.9	2.0	0.43
3 Years ³		76.7	74.1										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	177	97.7	97.2	73	98.6	97.6	249	247.0	5.0	98.0	97.3	0.7	0.52
1 Year	177	95.9	94.5	73	95.7	94.4	249	235.0	10.0	95.9	94.4	1.4	0.33
Cond. ³ 3 Years	157	95.2	94.7				157	136.0	7.0	95.2	94.7	0.5	0.81
3 Years ³		91.3	89.5										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

The Methodist Hospital - Houston TX
Provider Number 450358 (TXMH)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		258	100.0	62572	100.0
Donor Type	Living	41	15.9	14525	23.2
	Cadaveric: Stroke	82	31.8	15624	25.0
	Cadaveric: MVA	36	14.0	13317	21.3
	Cadaveric: Other	99	38.4	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	48	18.6	10738	17.2
	18-30	78	30.2	19464	31.1
	31-45	68	26.4	18538	29.6
	46-60	52	20.2	11397	18.2
	61+	12	4.7	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	174	67.4	49654	79.4
	Black	25	9.7	6469	10.3
	Hispanic	51	19.8	4943	7.9
	Asian	5	1.9	801	1.3
	Other	3	1.2	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	101	39.1	25808	41.2
	Male	157	60.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	40	15.5	10970	17.5
	Living: 3-5	1	0.4	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	57	22.1	5889	9.4
	Cadaveric: 12-21	113	43.8	16112	25.7
	Cadaveric: 22-31	31	12.0	14287	22.8
	Cadaveric: 32-41	13	5.0	7669	12.3
	Cadaveric: 42+	2	0.8	2519	4.0
	Not Reported	1	0.4	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	19	7.4	5935	9.5
	1	4	1.6	3484	5.6
	2	23	8.9	9648	15.4
	3	54	20.9	16005	25.6
	4	62	24.0	14003	22.4
	5	73	28.3	8963	14.3
	6	23	8.9	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	6	2.3	3951	6.3
	18-35	84	32.6	20414	32.6
	36-45	81	31.4	16397	26.2
	46-60	77	29.8	17170	27.4
	61+	10	3.9	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	145	56.2	41213	65.9
	Black	50	19.4	12675	20.3
	Hispanic	48	18.6	5632	9.0
	Asian	4	1.6	1740	2.8
	Other	11	4.3	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	87	33.7	25078	40.1
	Male	171	66.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	234	90.7	59783	95.5
	Kidney and Pancreas	24	9.3	2789	4.5
Previous Kidney Transplant	No	227	88.0	54138	86.5
	Yes	31	12.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	127	49.2	19677	31.4
	1-5	80	31.0	23207	37.1
	6-10	22	8.5	5736	9.2
	11+	17	6.6	5280	8.4
	Not Reported	12	4.7	8672	13.9
Peak PRA Prior to Transplant	0	82	31.8	20469	32.7
	1- 19	119	46.1	26645	42.6
	20- 79	47	18.2	9976	15.9
	80-100	10	3.9	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	47	18.2	11726	18.7
	21-25	116	45.0	23821	38.1
	26-30	73	28.3	12454	19.9
	31+	21	8.1	5762	9.2
	Not Reported	1	0.4	8809	14.1
Primary Kidney Disease	Glomerular	62	24.0	16923	27.0
	Cystic/Congenital	30	11.6	7349	11.7
	Systemic	54	20.9	11759	18.8
	Tubulointerstitial	14	5.4	4233	6.8
	Diabetes	48	18.6	14059	22.5
	Other Diagnosis	16	6.2	5271	8.4
	Not Reported	34	13.2	2978	4.8
Recipient Description at Transplant	Not Hospitalized	257	99.6	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	0.4	906	1.4
Year of Transplant	1988	39	15.1	9021	14.4
	1989	32	12.4	8951	14.3
	1990	49	19.0	9819	15.7
	1991	49	19.0	10077	16.1
	1992	30	11.6	10157	16.2
	1993-1994	59	22.9	14547	23.2
Dialysis in First Week After Transplant*	Yes	35	13.6	5716	9.1
	No	105	40.7	26528	42.4
	Not Reported	5	1.9	949	1.5
	N/A*: Yes	39	15.1	7249	11.6
	N/A*: No	73	28.3	21509	34.4
	N/A*: Not Reported	1	0.4	621	1.0
Rejection in First 6 Months After Transplant*	Yes	53	20.5	13559	21.7
	No	92	35.7	19634	31.4
	N/A*: Yes	48	18.6	12277	19.6
	N/A*: No	65	25.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Methodist Hospital
6565 Fannin, Houston, TX 77030
Provider Number 450358 (TXMH)**

May 12, 1997

The Methodist Hospital/Baylor College of Medicine Multi-organ Transplant Center (TMH/BCM MOTC) was established in 1984 to create the optimal environment for solid organ and tissue transplantation. The Transplant Center is a unique organization that spans departmental and section lines, allowing efficient utilization of necessary personnel, Hospital, and College resources. Our mission is to provide the highest quality of care to patients being evaluated for, or receiving, organ and tissue transplantation. As a proactive medical facility, we are also committed to research, and remain dedicated to advancing the art and science of organ and tissue transplantation by performing clinical and basic research relevant to organ and tissue transplantation, as well as educating physicians and other healthcare personnel in transplantation.

TMH/BCM MOTC currently maintains active heart, heart-lung, lung, kidney, and pancreas programs. The kidney program was established in 1963. Our experience during the early era of kidney transplantation has helped shape our approach to our other transplant programs. The kidney transplant program was the centerpiece around which TMH/BCM MOTC was created. In turn, when TMH/BCM MOTC was established in 1985, the kidney program benefitted from the availability of designated support services within the Center. Representative of our collaborative approach, physicians and surgeons in our kidney transplant program are cooperating on projects with researchers from the Histocompatibility and Clinical Immunology laboratories in an attempt to further classify non-invasive indices of rejection. On the horizon, our researchers see numerous possibilities: the use of new antibodies for the treatment of rejection, an increased ability to manipulate the immune system to induce tolerance, a greater understanding of the long-term complications following a transplant, the option of kidney-pancreas transplant for diabetic end-stage renal failure patients, and a greater understanding of cyclosporine nephrotoxicity.

According to UNOS, TMH/BCM MOTC had an actual graft survival rate of 83.9 percent at one year. The expected graft survival rate at one year was 83.1. This was calculated from a statistical risk model based on national data. A variety of medical factors have influenced graft and patient survival at TMH/BCM MOTC. Patients should always talk with their physician about their options when deciding upon a transplant facility which will best meet their needs. We are confident in our program, and the level of expertise and excellence that we allow our patients. We welcome your further investigation of our program, and will be happy to discuss your individual circumstances and how our program can address those needs.

Wm. Graham Guerriero, M.D.
Surgical Director



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Parkland Memorial Hospital - Dallas TX
Provider Number 450015 (TXPM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	246	88.2	87.9	109	91.7	90.8	355	355	38	89.3	88.8	0.5	0.76
1 Year	246	80.9	81.9	109	85.3	85.6	355	354	63	82.2	83.0	-0.8	0.68
Cond. ³ 3 Years	198	86.4	88.3				198	185	26	86.4	88.3	-1.9	0.41
3 Years ³		69.9	72.3										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	234	98.3	97.1	109	96.3	97.4	343	340.0	8.0	97.6	97.2	0.5	0.59
1 Year	234	94.2	94.2	109	95.3	94.4	343	339.0	18.5	94.6	94.3	0.3	0.80
Cond. ³ 3 Years	220	89.5	94.0				220	216.0	23.0	89.5	94.0	-4.5	<0.01*
3 Years ³		84.3	88.5										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Parkland Memorial Hospital - Dallas TX
Provider Number 450015 (TXPM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		355	100.0	62572	100.0
Donor Type	Living	32	9.0	14525	23.2
	Cadaveric: Stroke	86	24.2	15624	25.0
	Cadaveric: MVA	89	25.1	13317	21.3
	Cadaveric: Other	148	41.7	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	63	17.7	10738	17.2
	18-30	139	39.2	19464	31.1
	31-45	91	25.6	18538	29.6
	46-60	58	16.3	11397	18.2
	61+	4	1.1	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	257	72.4	49654	79.4
	Black	40	11.3	6469	10.3
	Hispanic	48	13.5	4943	7.9
	Asian	5	1.4	801	1.3
	Other	2	0.6	620	1.0
	Not Reported	3	0.8	85	0.1
Donor Gender	Female	128	36.1	25808	41.2
	Male	227	63.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	32	9.0	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	54	15.2	5889	9.4
	Cadaveric: 12-21	160	45.1	16112	25.7
	Cadaveric: 22-31	97	27.3	14287	22.8
	Cadaveric: 32-41	10	2.8	7669	12.3
	Cadaveric: 42+	2	0.6	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	20	5.6	5935	9.5
	1	7	2.0	3484	5.6
	2	21	5.9	9648	15.4
	3	51	14.4	16005	25.6
	4	87	24.5	14003	22.4
	5	108	30.4	8963	14.3
	6	60	16.9	3009	4.8
	Not Reported	1	0.3	1525	2.4
Recipient Age	0-17	1	0.3	3951	6.3
	18-35	131	36.9	20414	32.6
	36-45	113	31.8	16397	26.2
	46-60	88	24.8	17170	27.4
	61+	22	6.2	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	122	34.4	41213	65.9
	Black	122	34.4	12675	20.3
	Hispanic	102	28.7	5632	9.0
	Asian	6	1.7	1740	2.8
	Other	3	0.8	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	138	38.9	25078	40.1
	Male	217	61.1	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	325	91.5	59783	95.5
	Kidney and Pancreas	30	8.5	2789	4.5
Previous Kidney Transplant	No	305	85.9	54138	86.5
	Yes	50	14.1	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	156	43.9	19677	31.4
	1-5	151	42.5	23207	37.1
	6-10	23	6.5	5736	9.2
	11+	16	4.5	5280	8.4
	Not Reported	9	2.5	8672	13.9
Peak PRA Prior to Transplant	0	86	24.2	20469	32.7
	1- 19	200	56.3	26645	42.6
	20- 79	42	11.8	9976	15.9
	80-100	18	5.1	4277	6.8
	Not Reported	9	2.5	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	79	22.3	11726	18.7
	21-25	159	44.8	23821	38.1
	26-30	81	22.8	12454	19.9
	31+	35	9.9	5762	9.2
	Not Reported	1	0.3	8809	14.1
Primary Kidney Disease	Glomerular	87	24.5	16923	27.0
	Cystic/Congenital	18	5.1	7349	11.7
	Systemic	105	29.6	11759	18.8
	Tubulointerstitial	11	3.1	4233	6.8
	Diabetes	103	29.0	14059	22.5
	Other Diagnosis	14	3.9	5271	8.4
	Not Reported	17	4.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	353	99.4	59280	94.7
	Hospitalized	2	0.6	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	45	12.7	9021	14.4
	1989	54	15.2	8951	14.3
	1990	60	16.9	9819	15.7
	1991	63	17.7	10077	16.1
	1992	64	18.0	10157	16.2
	1993-1994	69	19.4	14547	23.2
Dialysis in First Week After Transplant*	Yes	20	5.6	5716	9.1
	No	178	50.1	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	26	7.3	7249	11.6
	N/A*: No	131	36.9	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	74	20.8	13559	21.7
	No	124	34.9	19634	31.4
	N/A*: Yes	57	16.1	12277	19.6
	N/A*: No	100	28.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Parkland Memorial Hospital
5201 Harry Hines, Dallas, TX 75235
Provider Number 450015 (TXPM)**

May 8, 1997

Our Center Specific Data compare favorably with national averages. We are particularly proud of this accomplishment because the national averages do not capture comorbid factors of the many high risk patients referred to our academic center.

- Many patients are referred to our academic center because they have high risk system diseases: 58.6% of our patients have systemic diseases, including diabetes, compared to the national average 41.3%.

- Because of the excellence of our urology service, some patients are also referred because of their complicated congenital urologic abnormalities.

- Our Program is committed to serving all components of our community including minorities: 34.4% of our patients are caucasian; the remainder are minorities. We have excellent results despite the well-documented poorer survival of the latter patient group. Included in their high risk is the difficulty finding well matched kidneys for these patients. 47.1% of our patients received a kidney with 5 or 6 mismatches compared to the national average of 19.1%.

Our preliminary analysis of data from 1992 through 1994 indicate that our conditional 3 year graft survival has increased from 86 to 92% and our patient survival from 89.5% to 97.8%. This reflects our application of new more effective treatment strategies.

The University Transplant Program at Parkland is a Center of Excellence for both The University of Texas Southwestern Medical Center and Parkland Memorial Hospital. Since performing the first successful kidney transplant in Texas in 1964, the Program has performed over 1500 transplants in 33 years of continuous operation. The Program is an active member of UNOS and is fully accredited by the American Board of Internal Medicine, the American College of Surgeons in specialties important for transplantation. Patients benefit from the ability of our program to meet the rigorous criteria for such accreditation: the expertise of faculty physicians; the volume of activity; the availability of subspecialty, laboratory, and radiology support; and the continuous review and quality assurance procedures intrinsic to active academic programs. Our patients also benefit from carefully chosen research protocols which allow access to the most promising new therapies. Our excellent results reflect the team effort of surgery, urology, nephrology, and other specialties in our center and the cooperation with our referring nephrologists and dialysis centers.

Christopher Y. Lu, M.D.
Program Director
Kidney Transplant



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Sierra Medical Center - El Paso TX
Provider Number 450668 (TXSM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	7	100.0	94.1	54	96.3	92.8	61	61	2	96.7	92.9	3.8	0.24
1 Year	7	100.0	91.0	54	87.0	88.7	61	61	7	88.5	89.0	-0.4	0.91
Cond. ³ 3 Years	7	71.4	92.0				7	7	2	71.4	92.0	-20.5	0.04*
3 Years ³		71.4	83.7										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	7	100.0	99.1	53	100.0	98.0	59	57.5	0.0	100.0	98.2	1.8	0.29
1 Year	7	100.0	98.0	53	96.1	95.5	59	55.5	2.0	96.5	95.7	0.7	0.76
Cond. ³ 3 Years	7	100.0	97.8				7	7.0	0.0	100.0	97.8	2.2	0.69
3 Years ³		100.0	95.9										

- Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.
- ² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.
- ³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.
- ⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.
- ⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Sierra Medical Center - El Paso TX
Provider Number 450668 (TXSM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		61	100.0	62572	100.0
Donor Type	Living	26	42.6	14525	23.2
	Cadaveric: Stroke	16	26.2	15624	25.0
	Cadaveric: MVA	9	14.8	13317	21.3
	Cadaveric: Other	10	16.4	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	9	14.8	10738	17.2
	18-30	25	41.0	19464	31.1
	31-45	18	29.5	18538	29.6
	46-60	8	13.1	11397	18.2
	61+	1	1.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	14	23.0	49654	79.4
	Black	0	0.0	6469	10.3
	Hispanic	47	77.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	32	52.5	25808	41.2
	Male	29	47.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	25	41.0	10970	17.5
	Living: 3-5	1	1.6	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	9	14.8	5889	9.4
	Cadaveric: 12-21	17	27.9	16112	25.7
	Cadaveric: 22-31	8	13.1	14287	22.8
	Cadaveric: 32-41	1	1.6	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	2	3.3	5935	9.5
	1	4	6.6	3484	5.6
	2	15	24.6	9648	15.4
	3	21	34.4	16005	25.6
	4	13	21.3	14003	22.4
	5	5	8.2	8963	14.3
	6	1	1.6	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	9	14.8	3951	6.3
	18-35	16	26.2	20414	32.6
	36-45	10	16.4	16397	26.2
	46-60	17	27.9	17170	27.4
	61+	9	14.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	4	6.6	41213	65.9
	Black	1	1.6	12675	20.3
	Hispanic	56	91.8	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	25	41.0	25078	40.1
	Male	36	59.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	61	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	58	95.1	54138	86.5
	Yes	3	4.9	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	31	50.8	19677	31.4
	1-5	23	37.7	23207	37.1
	6-10	5	8.2	5736	9.2
	11+	0	0.0	5280	8.4
	Not Reported	2	3.3	8672	13.9
Peak PRA Prior to Transplant	0	10	16.4	20469	32.7
	1- 19	44	72.1	26645	42.6
	20- 79	6	9.8	9976	15.9
	80-100	1	1.6	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	14	23.0	11726	18.7
	21-25	28	45.9	23821	38.1
	26-30	9	14.8	12454	19.9
	31+	10	16.4	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	12	19.7	16923	27.0
	Cystic/Congenital	4	6.6	7349	11.7
	Systemic	22	36.1	11759	18.8
	Tubulointerstitial	4	6.6	4233	6.8
	Diabetes	16	26.2	14059	22.5
	Other Diagnosis	2	3.3	5271	8.4
	Not Reported	1	1.6	2978	4.8
Recipient Description at Transplant	Not Hospitalized	61	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	5	8.2	9021	14.4
	1989	1	1.6	8951	14.3
	1990	1	1.6	9819	15.7
	1991	0	0.0	10077	16.1
	1992	16	26.2	10157	16.2
	1993-1994	38	62.3	14547	23.2
Dialysis in First Week After Transplant*	Yes	1	1.6	5716	9.1
	No	6	9.8	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	8	13.1	7249	11.6
	N/A*: No	46	75.4	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	3	4.9	13559	21.7
	No	4	6.6	19634	31.4
	N/A*: Yes	16	26.2	12277	19.6
	N/A*: No	38	62.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Texas Children's Hospital - Houston TX
Provider Number 453304 (TXTC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	26	76.9	84.4	24	87.5	88.0	50	50	9	82.0	86.1	-4.1	0.39
1 Year	26	76.9	78.1	24	87.2	82.7	50	49	9	81.8	80.3	1.5	0.78
Cond. ³ 3 Years	20	94.9	86.3				20	19	1	94.9	86.3	8.6	0.26
3 Years ³		73.0	67.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	24	100.0	98.4	24	95.4	99.0	44	44.0	1.0	97.7	98.7	-0.9	0.58
1 Year	24	95.5	96.5	24	95.3	97.6	44	43.0	2.0	95.4	97.0	-1.6	0.52
Cond. ³ 3 Years	23	100.0	98.3				23	22.0	0.0	100.0	98.3	1.7	0.53
3 Years ³		95.5	94.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Texas Children's Hospital - Houston TX
Provider Number 453304 (TXTC)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		50	100.0	62572	100.0
Donor Type	Living	15	30.0	14525	23.2
	Cadaveric: Stroke	13	26.0	15624	25.0
	Cadaveric: MVA	4	8.0	13317	21.3
	Cadaveric: Other	18	36.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	17	34.0	10738	17.2
	18-30	10	20.0	19464	31.1
	31-45	14	28.0	18538	29.6
	46-60	9	18.0	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	30	60.0	49654	79.4
	Black	11	22.0	6469	10.3
	Hispanic	7	14.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	2	4.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	22	44.0	25808	41.2
	Male	28	56.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	15	30.0	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	9	18.0	5889	9.4
	Cadaveric: 12-21	19	38.0	16112	25.7
	Cadaveric: 22-31	6	12.0	14287	22.8
	Cadaveric: 32-41	1	2.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	1	2.0	5935	9.5
	1	3	6.0	3484	5.6
	2	3	6.0	9648	15.4
	3	12	24.0	16005	25.6
	4	8	16.0	14003	22.4
	5	15	30.0	8963	14.3
	6	8	16.0	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	46	92.0	3951	6.3
	18-35	4	8.0	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	19	38.0	41213	65.9
	Black	10	20.0	12675	20.3
	Hispanic	20	40.0	5632	9.0
	Asian	1	2.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	16	32.0	25078	40.1
	Male	34	68.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	50	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	40	80.0	54138	86.5
	Yes	10	20.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	16	32.0	19677	31.4
	1-5	27	54.0	23207	37.1
	6-10	4	8.0	5736	9.2
	11+	3	6.0	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	18	36.0	20469	32.7
	1- 19	18	36.0	26645	42.6
	20- 79	12	24.0	9976	15.9
	80-100	2	4.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	37	74.0	11726	18.7
	21-25	9	18.0	23821	38.1
	26-30	2	4.0	12454	19.9
	31+	1	2.0	5762	9.2
	Not Reported	1	2.0	8809	14.1
Primary Kidney Disease	Glomerular	18	36.0	16923	27.0
	Cystic/Congenital	20	40.0	7349	11.7
	Systemic	0	0.0	11759	18.8
	Tubulointerstitial	8	16.0	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	4	8.0	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	46	92.0	59280	94.7
	Hospitalized	4	8.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	3	6.0	9021	14.4
	1989	5	10.0	8951	14.3
	1990	13	26.0	9819	15.7
	1991	3	6.0	10077	16.1
	1992	9	18.0	10157	16.2
	1993-1994	17	34.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	3	6.0	5716	9.1
	No	17	34.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	8	16.0	7249	11.6
	N/A*: No	22	44.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	6	12.0	13559	21.7
	No	14	28.0	19634	31.4
	N/A*: Yes	17	34.0	12277	19.6
	N/A*: No	13	26.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Baylor University Medical Center - Dallas TX
Provider Number 450021 (TXTX)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	194	87.6	88.2	97	96.9	91.1	291	289	27	90.7	89.1	1.6	0.38
1 Year	194	82.4	82.4	97	95.8	86.4	291	289	38	86.9	83.7	3.1	0.14
Cond. ³ 3 Years	158	92.2	90.9				158	149	12	92.2	90.9	1.3	0.58
3 Years ³		76.0	74.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	190	97.9	96.3	96	98.9	97.6	283	279.8	5.0	98.2	96.8	1.4	0.17
1 Year	190	94.9	92.9	96	96.8	94.9	283	278.8	12.5	95.5	93.6	1.9	0.18
Cond. ³ 3 Years	176	94.0	93.4				176	160.5	10.0	94.0	93.4	0.6	0.73
3 Years ³		89.2	86.7										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Baylor University Medical Center - Dallas TX
Provider Number 450021 (TXTX)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		291	100.0	62572	100.0
Donor Type	Living	51	17.5	14525	23.2
	Cadaveric: Stroke	86	29.6	15624	25.0
	Cadaveric: MVA	58	19.9	13317	21.3
	Cadaveric: Other	96	33.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	44	15.1	10738	17.2
	18-30	104	35.7	19464	31.1
	31-45	86	29.6	18538	29.6
	46-60	53	18.2	11397	18.2
	61+	4	1.4	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	227	78.0	49654	79.4
	Black	29	10.0	6469	10.3
	Hispanic	29	10.0	4943	7.9
	Asian	2	0.7	801	1.3
	Other	3	1.0	620	1.0
	Not Reported	1	0.3	85	0.1
Donor Gender	Female	109	37.5	25808	41.2
	Male	182	62.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	42	14.4	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	0.3	551	0.9
	Cadaveric: 0-11	14	4.8	5889	9.4
	Cadaveric: 12-21	110	37.8	16112	25.7
	Cadaveric: 22-31	72	24.7	14287	22.8
	Cadaveric: 32-41	22	7.6	7669	12.3
	Cadaveric: 42+	6	2.1	2519	4.0
	Not Reported	24	8.2	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	17	5.8	5935	9.5
	1	12	4.1	3484	5.6
	2	32	11.0	9648	15.4
	3	77	26.5	16005	25.6
	4	69	23.7	14003	22.4
	5	68	23.4	8963	14.3
	6	15	5.2	3009	4.8
	Not Reported	1	0.3	1525	2.4
Recipient Age	0-17	3	1.0	3951	6.3
	18-35	79	27.1	20414	32.6
	36-45	69	23.7	16397	26.2
	46-60	105	36.1	17170	27.4
	61+	35	12.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	195	67.0	41213	65.9
	Black	75	25.8	12675	20.3
	Hispanic	14	4.8	5632	9.0
	Asian	4	1.4	1740	2.8
	Other	3	1.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	118	40.5	25078	40.1
	Male	173	59.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	291	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	267	91.8	54138	86.5
	Yes	24	8.2	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	93	32.0	19677	31.4
	1-5	103	35.4	23207	37.1
	6-10	10	3.4	5736	9.2
	11+	6	2.1	5280	8.4
	Not Reported	79	27.1	8672	13.9
Peak PRA Prior to Transplant	0	224	77.0	20469	32.7
	1- 19	36	12.4	26645	42.6
	20- 79	26	8.9	9976	15.9
	80-100	4	1.4	4277	6.8
	Not Reported	1	0.3	1205	1.9

		---- Program----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	45	15.5	11726	18.7
	21-25	104	35.7	23821	38.1
	26-30	55	18.9	12454	19.9
	31+	23	7.9	5762	9.2
	Not Reported	64	22.0	8809	14.1
Primary Kidney Disease	Glomerular	73	25.1	16923	27.0
	Cystic/Congenital	21	7.2	7349	11.7
	Systemic	68	23.4	11759	18.8
	Tubulointerstitial	26	8.9	4233	6.8
	Diabetes	63	21.6	14059	22.5
	Other Diagnosis	23	7.9	5271	8.4
	Not Reported	17	5.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	285	97.9	59280	94.7
	Hospitalized	5	1.7	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	0.3	906	1.4
Year of Transplant	1988	41	14.1	9021	14.4
	1989	46	15.8	8951	14.3
	1990	44	15.1	9819	15.7
	1991	44	15.1	10077	16.1
	1992	52	17.9	10157	16.2
	1993-1994	64	22.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	30	10.3	5716	9.1
	No	127	43.6	26528	42.4
	Not Reported	1	0.3	949	1.5
	N/A*: Yes	28	9.6	7249	11.6
	N/A*: No	105	36.1	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	69	23.7	13559	21.7
	No	89	30.6	19634	31.4
	N/A*: Yes	42	14.4	12277	19.6
	N/A*: No	91	31.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Baylor University Medical Center
3500 Gaston Avenue, Dallas, TX 75246
Provider Number 450021 (TXTX)**

May 9, 1997

Baylor University Medical Center of Dallas, Texas has a reputation for excellence in solid organ transplantation. Our patient and graft survival rates for kidney transplantation support this reputation. In every category our results exceed the national expected survival rates and demonstrate a positive trend toward increasingly better results. These results are significantly better than expected from our advanced patient population.

Our multidisciplinary transplant team has participated in a number of important clinical trials. For example, we recently played a major role in a trial to determine the efficacy of a new immunosuppressive medication developed for kidney transplantation. The dedication of our program to excellence in patient care and the commitment to advance the field of transplantation through research places Baylor among the most sophisticated transplant centers in operation today.

We are proud of our achievements in this field and look forward to continuing to serve patients in an atmosphere committed to excellence.

Goran B. Klintmalm, M.D., Ph.D., F.A.C.S.
Medical Director, Transplantation Services



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for East Texas Medical Center - Tyler TX
Provider Number 450083 (TXYT)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	79	91.1	87.0	51	86.3	89.2	130	130	14	89.2	87.9	1.4	0.63
1 Year	79	87.3	81.0	51	84.3	83.5	130	130	18	86.2	82.0	4.2	0.21
Cond. ³ 3 Years	69	83.9	89.4				69	68	11	83.9	89.4	-5.4	0.13
3 Years ³		73.3	72.4										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	77	98.7	96.7	50	98.0	97.6	127	126.5	2.0	98.4	97.0	1.4	0.35
1 Year	77	96.1	93.7	50	93.9	95.0	127	125.5	6.0	95.2	94.2	1.0	0.61
Cond. ³ 3 Years	74	98.6	94.0				74	71.0	1.0	98.6	94.0	4.6	0.09
3 Years ³		94.8	88.1										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

East Texas Medical Center - Tyler TX
Provider Number 450083 (TXTY)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		130	100.0	62572	100.0
Donor Type	Living	16	12.3	14525	23.2
	Cadaveric: Stroke	32	24.6	15624	25.0
	Cadaveric: MVA	39	30.0	13317	21.3
	Cadaveric: Other	43	33.1	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	17	13.1	10738	17.2
	18-30	48	36.9	19464	31.1
	31-45	32	24.6	18538	29.6
	46-60	25	19.2	11397	18.2
	61+	8	6.2	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	107	82.3	49654	79.4
	Black	13	10.0	6469	10.3
	Hispanic	10	7.7	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	59	45.4	25808	41.2
	Male	71	54.6	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	10	7.7	10970	17.5
	Living: 3-5	4	3.1	640	1.0
	Living: 6+	1	0.8	551	0.9
	Cadaveric: 0-11	18	13.8	5889	9.4
	Cadaveric: 12-21	60	46.2	16112	25.7
	Cadaveric: 22-31	24	18.5	14287	22.8
	Cadaveric: 32-41	8	6.2	7669	12.3
	Cadaveric: 42+	4	3.1	2519	4.0
	Not Reported	1	0.8	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	4	3.1	5935	9.5
	1	4	3.1	3484	5.6
	2	13	10.0	9648	15.4
	3	32	24.6	16005	25.6
	4	33	25.4	14003	22.4
	5	26	20.0	8963	14.3
	6	15	11.5	3009	4.8
	Not Reported	3	2.3	1525	2.4
Recipient Age	0-17	1	0.8	3951	6.3
	18-35	57	43.8	20414	32.6
	36-45	32	24.6	16397	26.2
	46-60	31	23.8	17170	27.4
	61+	9	6.9	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	77	59.2	41213	65.9
	Black	51	39.2	12675	20.3
	Hispanic	2	1.5	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	63	48.5	25078	40.1
	Male	67	51.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	130	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	121	93.1	54138	86.5
	Yes	9	6.9	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	74	56.9	19677	31.4
	1-5	7	5.4	23207	37.1
	6-10	1	0.8	5736	9.2
	11+	2	1.5	5280	8.4
	Not Reported	46	35.4	8672	13.9
Peak PRA Prior to Transplant	0	88	67.7	20469	32.7
	1- 19	29	22.3	26645	42.6
	20- 79	7	5.4	9976	15.9
	80-100	6	4.6	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	19	14.6	11726	18.7
	21-25	49	37.7	23821	38.1
	26-30	37	28.5	12454	19.9
	31+	18	13.8	5762	9.2
	Not Reported	7	5.4	8809	14.1
Primary Kidney Disease	Glomerular	43	33.1	16923	27.0
	Cystic/Congenital	7	5.4	7349	11.7
	Systemic	32	24.6	11759	18.8
	Tubulointerstitial	8	6.2	4233	6.8
	Diabetes	32	24.6	14059	22.5
	Other Diagnosis	6	4.6	5271	8.4
	Not Reported	2	1.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	117	90.0	59280	94.7
	Hospitalized	11	8.5	1917	3.1
	ICU/Life Support	2	1.5	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	11	8.5	9021	14.4
	1989	21	16.2	8951	14.3
	1990	17	13.1	9819	15.7
	1991	26	20.0	10077	16.1
	1992	23	17.7	10157	16.2
	1993-1994	32	24.6	14547	23.2
Dialysis in First Week After Transplant*	Yes	14	10.8	5716	9.1
	No	52	40.0	26528	42.4
	Not Reported	3	2.3	949	1.5
	N/A*: Yes	29	22.3	7249	11.6
	N/A*: No	32	24.6	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	19	14.6	13559	21.7
	No	50	38.5	19634	31.4
	N/A*: Yes	25	19.2	12277	19.6
	N/A*: No	36	27.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Wilford Hall Medical Center - Lackland AFB TX
Provider Number 45081F (TXWH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	193	89.1	86.1	68	97.1	89.7	261	260	23	91.2	87.0	4.2	0.04*
1 Year	193	85.5	80.1	68	95.5	84.4	261	255	31	88.0	81.2	6.8	<0.01*
Cond. ³ 3 Years	161	91.7	89.7				161	151	13	91.7	89.7	2.0	0.39
3 Years ³		78.4	71.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	189	95.2	96.6	68	98.5	97.8	254	250.5	10.0	96.0	96.9	-0.9	0.41
1 Year	189	92.4	93.4	68	96.9	95.2	254	242.0	16.0	93.6	93.8	-0.3	0.85
Cond. ³ 3 Years	166	96.9	93.9				166	152.5	5.0	96.9	93.9	3.0	0.10
3 Years ³		89.5	87.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Wilford Hall Medical Center - Lackland AFB TX
Provider Number 45081F (TXWH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		261	100.0	62572	100.0
Donor Type	Living	23	8.8	14525	23.2
	Cadaveric: Stroke	48	18.4	15624	25.0
	Cadaveric: MVA	70	26.8	13317	21.3
	Cadaveric: Other	118	45.2	19030	30.4
	Not Reported	2	0.8	76	0.1
Donor Age	0-17	73	28.0	10738	17.2
	18-30	88	33.7	19464	31.1
	31-45	61	23.4	18538	29.6
	46-60	30	11.5	11397	18.2
	61+	9	3.4	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	144	55.2	49654	79.4
	Black	19	7.3	6469	10.3
	Hispanic	64	24.5	4943	7.9
	Asian	12	4.6	801	1.3
	Other	20	7.7	620	1.0
	Not Reported	2	0.8	85	0.1
Donor Gender	Female	86	33.0	25808	41.2
	Male	175	67.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	21	8.0	10970	17.5
	Living: 3-5	2	0.8	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	19	7.3	5889	9.4
	Cadaveric: 12-21	68	26.1	16112	25.7
	Cadaveric: 22-31	84	32.2	14287	22.8
	Cadaveric: 32-41	51	19.5	7669	12.3
	Cadaveric: 42+	13	5.0	2519	4.0
	Not Reported	3	1.1	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	9	3.4	5935	9.5
	1	9	3.4	3484	5.6
	2	28	10.7	9648	15.4
	3	51	19.5	16005	25.6
	4	75	28.7	14003	22.4
	5	64	24.5	8963	14.3
	6	22	8.4	3009	4.8
	Not Reported	3	1.1	1525	2.4
Recipient Age	0-17	17	6.5	3951	6.3
	18-35	97	37.2	20414	32.6
	36-45	50	19.2	16397	26.2
	46-60	84	32.2	17170	27.4
	61+	13	5.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	157	60.2	41213	65.9
	Black	52	19.9	12675	20.3
	Hispanic	29	11.1	5632	9.0
	Asian	22	8.4	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	1	0.4	81	0.1
Recipient Gender	Female	149	57.1	25078	40.1
	Male	112	42.9	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	242	92.7	59783	95.5
	Kidney and Pancreas	19	7.3	2789	4.5
Previous Kidney Transplant	No	223	85.4	54138	86.5
	Yes	37	14.2	8247	13.2
	Not Reported	1	0.4	187	0.3
Pretransplant Transfusions	0	23	8.8	19677	31.4
	1-5	152	58.2	23207	37.1
	6-10	17	6.5	5736	9.2
	11+	28	10.7	5280	8.4
	Not Reported	41	15.7	8672	13.9
Peak PRA Prior to Transplant	0	94	36.0	20469	32.7
	1- 19	91	34.9	26645	42.6
	20- 79	47	18.0	9976	15.9
	80-100	26	10.0	4277	6.8
	Not Reported	3	1.1	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	58	22.2	11726	18.7
	21-25	107	41.0	23821	38.1
	26-30	57	21.8	12454	19.9
	31+	27	10.3	5762	9.2
	Not Reported	12	4.6	8809	14.1
Primary Kidney Disease	Glomerular	89	34.1	16923	27.0
	Cystic/Congenital	33	12.6	7349	11.7
	Systemic	35	13.4	11759	18.8
	Tubulointerstitial	16	6.1	4233	6.8
	Diabetes	65	24.9	14059	22.5
	Other Diagnosis	18	6.9	5271	8.4
	Not Reported	5	1.9	2978	4.8
Recipient Description at Transplant	Not Hospitalized	257	98.5	59280	94.7
	Hospitalized	3	1.1	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	0.4	906	1.4
Year of Transplant	1988	46	17.6	9021	14.4
	1989	47	18.0	8951	14.3
	1990	44	16.9	9819	15.7
	1991	41	15.7	10077	16.1
	1992	40	15.3	10157	16.2
	1993-1994	43	16.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	22	8.4	5716	9.1
	No	122	46.7	26528	42.4
	Not Reported	17	6.5	949	1.5
	N/A*: Yes	12	4.6	7249	11.6
	N/A*: No	85	32.6	21509	34.4
	N/A*: Not Reported	3	1.1	621	1.0
Rejection in First 6 Months After Transplant*	Yes	92	35.2	13559	21.7
	No	69	26.4	19634	31.4
	N/A*: Yes	41	15.7	12277	19.6
	N/A*: No	59	22.6	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Latter-Day Saints Hospital - Salt Lake City UT
Provider Number 460010 (UTLD)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	324	87.6	89.1	139	89.0	89.6	463	456	55	88.0	89.3	-1.3	0.36
1 Year	324	78.0	84.0	139	82.7	85.2	463	445	93	79.4	84.4	-5.0	<0.01*
Cond. ³ 3 Years	246	89.7	93.8				246	219	24	89.7	93.8	-4.2	<0.01*
3 Years ³		70.0	78.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	311	94.0	96.6	137	96.5	97.1	437	423.7	22.5	94.7	96.7	-2.0	0.02*
1 Year	311	87.9	93.3	137	93.9	93.9	437	408.3	43.0	89.7	93.5	-3.8	<0.01*
Cond. ³ 3 Years	265	90.3	94.0				265	242.0	24.5	90.3	94.0	-3.6	0.01*
3 Years ³		79.4	87.7										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Latter-Day Saints Hospital - Salt Lake City UT
Provider Number 460010 (UTLD)

		---- Program ----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		463	100.0	62572	100.0
Donor Type	Living	152	32.8	14525	23.2
	Cadaveric: Stroke	90	19.4	15624	25.0
	Cadaveric: MVA	116	25.1	13317	21.3
	Cadaveric: Other	105	22.7	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	83	17.9	10738	17.2
	18-30	134	28.9	19464	31.1
	31-45	140	30.2	18538	29.6
	46-60	84	18.1	11397	18.2
	61+	22	4.8	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	441	95.2	49654	79.4
	Black	1	0.2	6469	10.3
	Hispanic	15	3.2	4943	7.9
	Asian	3	0.6	801	1.3
	Other	2	0.4	620	1.0
	Not Reported	1	0.2	85	0.1
Donor Gender	Female	205	44.3	25808	41.2
	Male	258	55.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	150	32.4	10970	17.5
	Living: 3-5	1	0.2	640	1.0
	Living: 6+	1	0.2	551	0.9
	Cadaveric: 0-11	61	13.2	5889	9.4
	Cadaveric: 12-21	175	37.8	16112	25.7
	Cadaveric: 22-31	66	14.3	14287	22.8
	Cadaveric: 32-41	6	1.3	7669	12.3
	Cadaveric: 42+	1	0.2	2519	4.0
	Not Reported	2	0.4	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	63	13.6	5935	9.5
	1	20	4.3	3484	5.6
	2	88	19.0	9648	15.4
	3	124	26.8	16005	25.6
	4	97	21.0	14003	22.4
	5	42	9.1	8963	14.3
	6	11	2.4	3009	4.8
	Not Reported	18	3.9	1525	2.4
Recipient Age	0-17	5	1.1	3951	6.3
	18-35	155	33.5	20414	32.6
	36-45	121	26.1	16397	26.2
	46-60	124	26.8	17170	27.4
	61+	58	12.5	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	435	94.0	41213	65.9
	Black	2	0.4	12675	20.3
	Hispanic	13	2.8	5632	9.0
	Asian	10	2.2	1740	2.8
	Other	3	0.6	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	196	42.3	25078	40.1
	Male	267	57.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	413	89.2	59783	95.5
	Kidney and Pancreas	50	10.8	2789	4.5
Previous Kidney Transplant	No	377	81.4	54138	86.5
	Yes	86	18.6	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	442	95.5	19677	31.4
	1-5	13	2.8	23207	37.1
	6-10	4	0.9	5736	9.2
	11+	2	0.4	5280	8.4
	Not Reported	2	0.4	8672	13.9
Peak PRA Prior to Transplant	0	239	51.6	20469	32.7
	1- 19	105	22.7	26645	42.6
	20- 79	66	14.3	9976	15.9
	80-100	37	8.0	4277	6.8
	Not Reported	16	3.5	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	89	19.2	11726	18.7
	21-25	198	42.8	23821	38.1
	26-30	103	22.2	12454	19.9
	31+	72	15.6	5762	9.2
	Not Reported	1	0.2	8809	14.1
Primary Kidney Disease	Glomerular	138	29.8	16923	27.0
	Cystic/Congenital	57	12.3	7349	11.7
	Systemic	27	5.8	11759	18.8
	Tubulointerstitial	35	7.6	4233	6.8
	Diabetes	180	38.9	14059	22.5
	Other Diagnosis	21	4.5	5271	8.4
	Not Reported	5	1.1	2978	4.8
Recipient Description at Transplant	Not Hospitalized	459	99.1	59280	94.7
	Hospitalized	2	0.4	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	2	0.4	906	1.4
Year of Transplant	1988	71	15.3	9021	14.4
	1989	64	13.8	8951	14.3
	1990	74	16.0	9819	15.7
	1991	90	19.4	10077	16.1
	1992	69	14.9	10157	16.2
	1993-1994	95	20.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	26	5.6	5716	9.1
	No	214	46.2	26528	42.4
	Not Reported	6	1.3	949	1.5
	N/A*: Yes	45	9.7	7249	11.6
	N/A*: No	169	36.5	21509	34.4
	N/A*: Not Reported	3	0.6	621	1.0
Rejection in First 6 Months After Transplant*	Yes	78	16.8	13559	21.7
	No	168	36.3	19634	31.4
	N/A*: Yes	61	13.2	12277	19.6
	N/A*: No	156	33.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of Utah Medical Center - Salt Lake City UT
Provider Number 460009 (UTMC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	201	88.6	88.7	111	90.1	90.6	312	311	34	89.1	89.4	-0.3	0.86
1 Year	201	81.1	84.1	111	87.2	86.5	312	309	52	83.2	84.9	-1.7	0.39
Cond. ³ 3 Years	163	94.9	92.3				163	153	8	94.9	92.3	2.6	0.21
3 Years ³		77.0	77.6										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	196	96.3	97.3	111	96.3	98.0	301	296.7	11.0	96.3	97.5	-1.2	0.16
1 Year	196	95.3	94.7	111	96.2	95.6	301	294.7	13.0	95.6	95.0	0.6	0.65
Cond. ³ 3 Years	187	96.4	94.8				187	175.0	6.5	96.4	94.8	1.6	0.32
3 Years ³		91.9	89.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of Utah Medical Center - Salt Lake City UT
Provider Number 460009 (UTMC)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		312	100.0	62572	100.0
Donor Type	Living	101	32.4	14525	23.2
	Cadaveric: Stroke	42	13.5	15624	25.0
	Cadaveric: MVA	81	26.0	13317	21.3
	Cadaveric: Other	88	28.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	70	22.4	10738	17.2
	18-30	89	28.5	19464	31.1
	31-45	105	33.7	18538	29.6
	46-60	44	14.1	11397	18.2
	61+	4	1.3	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	290	92.9	49654	79.4
	Black	6	1.9	6469	10.3
	Hispanic	14	4.5	4943	7.9
	Asian	1	0.3	801	1.3
	Other	1	0.3	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	145	46.5	25808	41.2
	Male	167	53.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	89	28.5	10970	17.5
	Living: 3-5	10	3.2	640	1.0
	Living: 6+	1	0.3	551	0.9
	Cadaveric: 0-11	29	9.3	5889	9.4
	Cadaveric: 12-21	113	36.2	16112	25.7
	Cadaveric: 22-31	55	17.6	14287	22.8
	Cadaveric: 32-41	10	3.2	7669	12.3
	Cadaveric: 42+	4	1.3	2519	4.0
	Not Reported	1	0.3	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	25	8.0	5935	9.5
	1	20	6.4	3484	5.6
	2	60	19.2	9648	15.4
	3	102	32.7	16005	25.6
	4	49	15.7	14003	22.4
	5	36	11.5	8963	14.3
	6	3	1.0	3009	4.8
	Not Reported	17	5.4	1525	2.4
Recipient Age	0-17	60	19.2	3951	6.3
	18-35	105	33.7	20414	32.6
	36-45	72	23.1	16397	26.2
	46-60	50	16.0	17170	27.4
	61+	25	8.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	280	89.7	41213	65.9
	Black	3	1.0	12675	20.3
	Hispanic	23	7.4	5632	9.0
	Asian	2	0.6	1740	2.8
	Other	4	1.3	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	118	37.8	25078	40.1
	Male	194	62.2	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	312	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	245	78.5	54138	86.5
	Yes	67	21.5	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	153	49.0	19677	31.4
	1-5	115	36.9	23207	37.1
	6-10	26	8.3	5736	9.2
	11+	17	5.4	5280	8.4
	Not Reported	1	0.3	8672	13.9
Peak PRA Prior to Transplant	0	165	52.9	20469	32.7
	1- 19	69	22.1	26645	42.6
	20- 79	54	17.3	9976	15.9
	80-100	22	7.1	4277	6.8
	Not Reported	2	0.6	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	91	29.2	11726	18.7
	21-25	125	40.1	23821	38.1
	26-30	63	20.2	12454	19.9
	31+	32	10.3	5762	9.2
	Not Reported	1	0.3	8809	14.1
Primary Kidney Disease	Glomerular	90	28.8	16923	27.0
	Cystic/Congenital	43	13.8	7349	11.7
	Systemic	17	5.4	11759	18.8
	Tubulointerstitial	35	11.2	4233	6.8
	Diabetes	95	30.4	14059	22.5
	Other Diagnosis	24	7.7	5271	8.4
	Not Reported	8	2.6	2978	4.8
Recipient Description at Transplant	Not Hospitalized	303	97.1	59280	94.7
	Hospitalized	8	2.6	1917	3.1
	ICU/Life Support	1	0.3	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	44	14.1	9021	14.4
	1989	38	12.2	8951	14.3
	1990	55	17.6	9819	15.7
	1991	52	16.7	10077	16.1
	1992	45	14.4	10157	16.2
	1993-1994	78	25.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	12	3.8	5716	9.1
	No	150	48.1	26528	42.4
	Not Reported	1	0.3	949	1.5
	N/A*: Yes	15	4.8	7249	11.6
	N/A*: No	133	42.6	21509	34.4
	N/A*: Not Reported	1	0.3	621	1.0
Rejection in First 6 Months After Transplant*	Yes	68	21.8	13559	21.7
	No	95	30.4	19634	31.4
	N/A*: Yes	64	20.5	12277	19.6
	N/A*: No	85	27.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for VA Medical Center - Salt Lake City UT
Provider Number 46002F (UTVA)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	3	100.0	89.9				3	1	0	100.0	89.9	10.1	1.00
1 Year	3	100.0	83.5				3	1	0	100.0	83.5	16.5	1.00
Cond. ³ 3 Years	1	100.0	96.0				1	1	0	100.0	96.0	4.0	1.00
3 Years ³		100.0	80.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	3	100.0	92.8				3	1.0	0.0	100.0	92.8	7.2	1.00
1 Year	3	100.0	85.9				3	1.0	0.0	100.0	85.9	14.1	1.00
Cond. ³ 3 Years	1	100.0	88.7				1	1.0	0.0	100.0	88.7	11.3	1.00
3 Years ³		100.0	76.2										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

VA Medical Center - Salt Lake City UT
Provider Number 46002F (UTVA)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		3	100.0	62572	100.0
Donor Type	Living	0	0.0	14525	23.2
	Cadaveric: Stroke	1	33.3	15624	25.0
	Cadaveric: MVA	2	66.7	13317	21.3
	Cadaveric: Other	0	0.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	1	33.3	10738	17.2
	18-30	1	33.3	19464	31.1
	31-45	0	0.0	18538	29.6
	46-60	1	33.3	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	3	100.0	49654	79.4
	Black	0	0.0	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	1	33.3	25808	41.2
	Male	2	66.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	0	0.0	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	0	0.0	5889	9.4
	Cadaveric: 12-21	0	0.0	16112	25.7
	Cadaveric: 22-31	0	0.0	14287	22.8
	Cadaveric: 32-41	0	0.0	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	3	100.0	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	0	0.0	5935	9.5
	1	0	0.0	3484	5.6
	2	0	0.0	9648	15.4
	3	1	33.3	16005	25.6
	4	1	33.3	14003	22.4
	5	0	0.0	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	1	33.3	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	0	0.0	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	2	66.7	17170	27.4
	61+	1	33.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	3	100.0	41213	65.9
	Black	0	0.0	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	0	0.0	25078	40.1
	Male	3	100.0	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	3	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	1	33.3	54138	86.5
	Yes	0	0.0	8247	13.2
	Not Reported	2	66.7	187	0.3
Pretransplant Transfusions	0	0	0.0	19677	31.4
	1-5	0	0.0	23207	37.1
	6-10	0	0.0	5736	9.2
	11+	0	0.0	5280	8.4
	Not Reported	3	100.0	8672	13.9
Peak PRA Prior to Transplant	0	3	100.0	20469	32.7
	1- 19	0	0.0	26645	42.6
	20- 79	0	0.0	9976	15.9
	80-100	0	0.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	0	0.0	11726	18.7
	21-25	2	66.7	23821	38.1
	26-30	1	33.3	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	0	0.0	16923	27.0
	Cystic/Congenital	0	0.0	7349	11.7
	Systemic	0	0.0	11759	18.8
	Tubulointerstitial	0	0.0	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	1	33.3	5271	8.4
	Not Reported	2	66.7	2978	4.8
Recipient Description at Transplant	Not Hospitalized	0	0.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	3	100.0	906	1.4
Year of Transplant	1988	3	100.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	0	0.0	10077	16.1
	1992	0	0.0	10157	16.2
	1993-1994	0	0.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	0	0.0	5716	9.1
	No	0	0.0	26528	42.4
	Not Reported	1	33.3	949	1.5
	N/A*: Yes	0	0.0	7249	11.6
	N/A*: No	0	0.0	21509	34.4
	N/A*: Not Reported	2	66.7	621	1.0
Rejection in First 6 Months After Transplant*	Yes	0	0.0	13559	21.7
	No	1	33.3	19634	31.4
	N/A*: Yes	0	0.0	12277	19.6
	N/A*: No	2	66.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Inova Fairfax Hospital - Falls Church VA
Provider Number 490063 (VAFH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				40	100.0	92.0	40	40	0	100.0	92.0	8.0	0.06
1 Year				40	97.5	87.0	40	40	1	97.5	87.0	10.5	0.04*
Cond. ³ 3 Years													
3 Years ³													

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				40	100.0	97.8	40	38.5	0.0	100.0	97.8	2.2	0.34
1 Year				40	100.0	94.8	40	38.5	0.0	100.0	94.8	5.2	0.14
Cond. ³ 3 Years													
3 Years ³													

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Inova Fairfax Hospital - Falls Church VA
Provider Number 490063 (VAFH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		40	100.0	62572	100.0
Donor Type	Living	8	20.0	14525	23.2
	Cadaveric: Stroke	14	35.0	15624	25.0
	Cadaveric: MVA	9	22.5	13317	21.3
	Cadaveric: Other	9	22.5	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	5	12.5	10738	17.2
	18-30	9	22.5	19464	31.1
	31-45	13	32.5	18538	29.6
	46-60	11	27.5	11397	18.2
	61+	2	5.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	28	70.0	49654	79.4
	Black	9	22.5	6469	10.3
	Hispanic	1	2.5	4943	7.9
	Asian	2	5.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	17	42.5	25808	41.2
	Male	23	57.5	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	7	17.5	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	2.5	551	0.9
	Cadaveric: 0-11	3	7.5	5889	9.4
	Cadaveric: 12-21	14	35.0	16112	25.7
	Cadaveric: 22-31	12	30.0	14287	22.8
	Cadaveric: 32-41	2	5.0	7669	12.3
	Cadaveric: 42+	1	2.5	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	8	20.0	5935	9.5
	1	1	2.5	3484	5.6
	2	5	12.5	9648	15.4
	3	7	17.5	16005	25.6
	4	9	22.5	14003	22.4
	5	7	17.5	8963	14.3
	6	3	7.5	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	9	22.5	20414	32.6
	36-45	19	47.5	16397	26.2
	46-60	11	27.5	17170	27.4
	61+	1	2.5	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	27	67.5	41213	65.9
	Black	8	20.0	12675	20.3
	Hispanic	4	10.0	5632	9.0
	Asian	1	2.5	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	19	47.5	25078	40.1
	Male	21	52.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	32	80.0	59783	95.5
	Kidney and Pancreas	8	20.0	2789	4.5
Previous Kidney Transplant	No	35	87.5	54138	86.5
	Yes	5	12.5	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	12	30.0	19677	31.4
	1-5	14	35.0	23207	37.1
	6-10	3	7.5	5736	9.2
	11+	1	2.5	5280	8.4
	Not Reported	10	25.0	8672	13.9
Peak PRA Prior to Transplant	0	30	75.0	20469	32.7
	1- 19	8	20.0	26645	42.6
	20- 79	2	5.0	9976	15.9
	80-100	0	0.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	7	17.5	11726	18.7
	21-25	22	55.0	23821	38.1
	26-30	6	15.0	12454	19.9
	31+	5	12.5	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	5	12.5	16923	27.0
	Cystic/Congenital	6	15.0	7349	11.7
	Systemic	10	25.0	11759	18.8
	Tubulointerstitial	0	0.0	4233	6.8
	Diabetes	15	37.5	14059	22.5
	Other Diagnosis	3	7.5	5271	8.4
	Not Reported	1	2.5	2978	4.8
Recipient Description at Transplant	Not Hospitalized	39	97.5	59280	94.7
	Hospitalized	1	2.5	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	0	0.0	10077	16.1
	1992	8	20.0	10157	16.2
	1993-1994	32	80.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	0	0.0	5716	9.1
	No	0	0.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	2	5.0	7249	11.6
	N/A*: No	38	95.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	0	0.0	13559	21.7
	No	0	0.0	19634	31.4
	N/A*: Yes	21	52.5	12277	19.6
	N/A*: No	19	47.5	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Columbia Henrico Doctors' Hospital - Richmond VA
Provider Number 490118 (VAHD)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	29	93.1	90.0	60	91.7	90.6	89	89	7	92.1	90.4	1.7	0.57
1 Year	29	89.7	85.4	60	85.0	85.2	89	89	12	86.5	85.2	1.3	0.73
Cond. ³ 3 Years	26	92.1	91.3				26	24	2	92.1	91.3	0.9	0.87
3 Years ³		82.6	77.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	29	96.6	97.9	60	95.0	97.8	89	88.0	4.0	95.5	97.9	-2.4	0.12
1 Year	29	96.5	95.7	60	91.5	95.2	89	86.0	6.0	93.1	95.3	-2.3	0.31
Cond. ³ 3 Years	27	88.7	95.7				27	26.0	3.0	88.7	95.7	-7.0	0.07
3 Years ³		85.6	91.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Columbia Henrico Doctors' Hospital - Richmond VA
Provider Number 490118 (VAHD)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		89	100.0	62572	100.0
Donor Type	Living	18	20.2	14525	23.2
	Cadaveric: Stroke	26	29.2	15624	25.0
	Cadaveric: MVA	13	14.6	13317	21.3
	Cadaveric: Other	32	36.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	16	18.0	10738	17.2
	18-30	27	30.3	19464	31.1
	31-45	21	23.6	18538	29.6
	46-60	20	22.5	11397	18.2
	61+	5	5.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	60	67.4	49654	79.4
	Black	20	22.5	6469	10.3
	Hispanic	7	7.9	4943	7.9
	Asian	2	2.2	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	40	44.9	25808	41.2
	Male	49	55.1	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	15	16.9	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	1	1.1	551	0.9
	Cadaveric: 0-11	7	7.9	5889	9.4
	Cadaveric: 12-21	23	25.8	16112	25.7
	Cadaveric: 22-31	26	29.2	14287	22.8
	Cadaveric: 32-41	10	11.2	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	7	7.9	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	15	16.9	5935	9.5
	1	5	5.6	3484	5.6
	2	14	15.7	9648	15.4
	3	26	29.2	16005	25.6
	4	23	25.8	14003	22.4
	5	4	4.5	8963	14.3
	6	2	2.2	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	1	1.1	3951	6.3
	18-35	28	31.5	20414	32.6
	36-45	23	25.8	16397	26.2
	46-60	29	32.6	17170	27.4
	61+	8	9.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	49	55.1	41213	65.9
	Black	35	39.3	12675	20.3
	Hispanic	3	3.4	5632	9.0
	Asian	2	2.2	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	42	47.2	25078	40.1
	Male	47	52.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	89	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	87	97.8	54138	86.5
	Yes	2	2.2	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	21	23.6	19677	31.4
	1-5	18	20.2	23207	37.1
	6-10	5	5.6	5736	9.2
	11+	2	2.2	5280	8.4
	Not Reported	43	48.3	8672	13.9
Peak PRA Prior to Transplant	0	39	43.8	20469	32.7
	1- 19	32	36.0	26645	42.6
	20- 79	8	9.0	9976	15.9
	80-100	6	6.7	4277	6.8
	Not Reported	4	4.5	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	21	23.6	11726	18.7
	21-25	32	36.0	23821	38.1
	26-30	19	21.3	12454	19.9
	31+	15	16.9	5762	9.2
	Not Reported	2	2.2	8809	14.1
Primary Kidney Disease	Glomerular	29	32.6	16923	27.0
	Cystic/Congenital	11	12.4	7349	11.7
	Systemic	25	28.1	11759	18.8
	Tubulointerstitial	6	6.7	4233	6.8
	Diabetes	6	6.7	14059	22.5
	Other Diagnosis	12	13.5	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	88	98.9	59280	94.7
	Hospitalized	1	1.1	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	7	7.9	9819	15.7
	1991	17	19.1	10077	16.1
	1992	26	29.2	10157	16.2
	1993-1994	39	43.8	14547	23.2
Dialysis in First Week After Transplant*	Yes	3	3.4	5716	9.1
	No	22	24.7	26528	42.4
	Not Reported	1	1.1	949	1.5
	N/A*: Yes	19	21.3	7249	11.6
	N/A*: No	43	48.3	21509	34.4
	N/A*: Not Reported	1	1.1	621	1.0
Rejection in First 6 Months After Transplant*	Yes	10	11.2	13559	21.7
	No	16	18.0	19634	31.4
	N/A*: Yes	41	46.1	12277	19.6
	N/A*: No	22	24.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994**Survival Report for Medical College of Virginia Hospitals - Richmond VA
Provider Number 490032 (VAMC)****Graft Survival**

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	184	95.7	87.6	89	88.8	89.3	273	273	18	93.4	88.2	5.2	<0.01*
1 Year	184	89.6	81.3	89	80.8	83.3	273	271	36	86.8	81.9	4.8	0.03*
Cond. ³ 3 Years	163	91.8	87.2				163	154	13	91.8	87.2	4.6	0.07
3 Years ³		82.2	70.8										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	182	97.8	96.9	89	94.3	97.4	270	268.0	9.0	96.7	97.1	-0.4	0.67
1 Year	182	96.1	94.0	89	91.7	94.5	270	262.0	14.0	94.7	94.1	0.6	0.69
Cond. ³ 3 Years	172	94.1	94.4				172	169.0	10.0	94.1	94.4	-0.2	0.89
3 Years ³		90.5	88.7										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Medical College of Virginia Hospitals - Richmond VA
Provider Number 490032 (VAMC)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		273	100.0	62572	100.0
Donor Type	Living	61	22.3	14525	23.2
	Cadaveric: Stroke	68	24.9	15624	25.0
	Cadaveric: MVA	48	17.6	13317	21.3
	Cadaveric: Other	96	35.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	38	13.9	10738	17.2
	18-30	88	32.2	19464	31.1
	31-45	83	30.4	18538	29.6
	46-60	59	21.6	11397	18.2
	61+	5	1.8	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	179	65.6	49654	79.4
	Black	85	31.1	6469	10.3
	Hispanic	4	1.5	4943	7.9
	Asian	5	1.8	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	123	45.1	25808	41.2
	Male	150	54.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	55	20.1	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	2	0.7	551	0.9
	Cadaveric: 0-11	34	12.5	5889	9.4
	Cadaveric: 12-21	90	33.0	16112	25.7
	Cadaveric: 22-31	67	24.5	14287	22.8
	Cadaveric: 32-41	12	4.4	7669	12.3
	Cadaveric: 42+	4	1.5	2519	4.0
	Not Reported	9	3.3	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	31	11.4	5935	9.5
	1	12	4.4	3484	5.6
	2	40	14.7	9648	15.4
	3	68	24.9	16005	25.6
	4	70	25.6	14003	22.4
	5	44	16.1	8963	14.3
	6	8	2.9	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	15	5.5	3951	6.3
	18-35	88	32.2	20414	32.6
	36-45	74	27.1	16397	26.2
	46-60	75	27.5	17170	27.4
	61+	21	7.7	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	114	41.8	41213	65.9
	Black	153	56.0	12675	20.3
	Hispanic	3	1.1	5632	9.0
	Asian	2	0.7	1740	2.8
	Other	1	0.4	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	95	34.8	25078	40.1
	Male	178	65.2	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	271	99.3	59783	95.5
	Kidney and Pancreas	2	0.7	2789	4.5
Previous Kidney Transplant	No	249	91.2	54138	86.5
	Yes	23	8.4	8247	13.2
	Not Reported	1	0.4	187	0.3
Pretransplant Transfusions	0	108	39.6	19677	31.4
	1-5	55	20.1	23207	37.1
	6-10	11	4.0	5736	9.2
	11+	8	2.9	5280	8.4
	Not Reported	91	33.3	8672	13.9
Peak PRA Prior to Transplant	0	86	31.5	20469	32.7
	1- 19	130	47.6	26645	42.6
	20- 79	40	14.7	9976	15.9
	80-100	17	6.2	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	46	16.8	11726	18.7
	21-25	94	34.4	23821	38.1
	26-30	70	25.6	12454	19.9
	31+	36	13.2	5762	9.2
	Not Reported	27	9.9	8809	14.1
Primary Kidney Disease	Glomerular	66	24.2	16923	27.0
	Cystic/Congenital	20	7.3	7349	11.7
	Systemic	74	27.1	11759	18.8
	Tubulointerstitial	13	4.8	4233	6.8
	Diabetes	30	11.0	14059	22.5
	Other Diagnosis	35	12.8	5271	8.4
	Not Reported	35	12.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	227	83.2	59280	94.7
	Hospitalized	44	16.1	1917	3.1
	ICU/Life Support	2	0.7	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	41	15.0	9021	14.4
	1989	46	16.8	8951	14.3
	1990	57	20.9	9819	15.7
	1991	34	12.5	10077	16.1
	1992	38	13.9	10157	16.2
	1993-1994	57	20.9	14547	23.2
Dialysis in First Week After Transplant*	Yes	12	4.4	5716	9.1
	No	143	52.4	26528	42.4
	Not Reported	8	2.9	949	1.5
	N/A*: Yes	15	5.5	7249	11.6
	N/A*: No	92	33.7	21509	34.4
	N/A*: Not Reported	3	1.1	621	1.0
Rejection in First 6 Months After Transplant*	Yes	73	26.7	13559	21.7
	No	90	33.0	19634	31.4
	N/A*: Yes	25	9.2	12277	19.6
	N/A*: No	85	31.1	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Medical College of Virginia Hospitals
Box 57, MCV Station, Richmond, VA 23298
Provider Number 490032 (VAMC)**

May 1, 1997

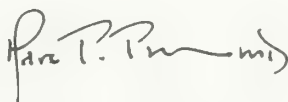
The Medical College of Virginia (MCV) Transplant Program is one of the three oldest continuous Renal Transplant Programs in the U.S., begun in 1962, and having performed over 1200 renal transplants since that time. We are especially pleased that the UNOS survival statistics for our kidney transplant program (Kidney Transplants: January 1, 1988 - April 30, 1994) reflect our long-standing commitment to high-quality patient care, especially among complex, high risk patients. While no purely statistical analysis such as this one should ever be used as the sole measure of a transplant program's overall quality, the UNOS data reflect a definite outcome analysis of the success of MCV's renal transplant program.

Even when the statistics on graft and patient survivals are adjusted for the more complex patient mix at MCV Hospitals, our results are well above the national expectations, as indicated by the UNOS report. Both MCV's 3 month (93.4%) and one year (86.8%) graft survival rates **significantly exceed** UNOS' expected survival rates (88.2% and 81.9% respectively). Furthermore, MCV's 3 year graft survival (82.2%) exceeded the national (expected) rate (70.8%) by 11.4%. Actual vs expected patient survivals for renal transplant recipients at MCV were equivalent at 3 months (96.7% vs 97.1%), 1 year (94.7% vs 94.1%) and three years (94.1% vs 94.4%).

Of the 273 renal transplants performed at MCV during the reporting period, 56% of recipients were black (vs 20.3% national average) reflecting well the ethnic make-up of the community MCV serves. The fact that MCV's overall graft survival rate significantly exceeds the national average, and that rejection rates at MCV are equivalent to the expected rates, are made that much more remarkable by the fact that blacks form the majority of MCV's renal transplant recipients. Blacks are typically thought to represent a high immunologic risk group with poorer expected longterm renal allograft survival.

We believe our excellent graft and patient survival statistics are a positive reflection of our overall multidisciplinary, team approach to patient care, careful patient selection, meticulous surgical technique and close post-transplant follow-up, as well as the genuine dedication and close cooperation among all members of the MCV Transplant Team.

Marc P. Posner, M.D., F.A.C.S.
Director, MCV Transplant Program



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Sentara Norfolk General Hospital - Norfolk VA
Provider Number 490007 (VANG)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	258	86.0	85.6	80	87.5	88.3	338	336	46	86.4	86.3	0.1	0.95
1 Year	258	78.2	78.7	80	81.2	82.3	338	334	71	78.9	79.5	-0.7	0.76
Cond. ³ 3 Years	199	81.9	86.3				199	180	34	81.9	86.3	-4.4	0.07
3 Years ³		64.0	67.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	252	95.8	96.5	78	100.0	97.4	325	320.0	10.5	96.7	96.7	0.1	0.94
1 Year	252	92.1	93.3	78	98.6	94.4	325	317.0	20.5	93.6	93.5	0.1	0.95
Cond. ³ 3 Years	230	93.2	93.5				230	208.0	15.0	93.2	93.5	-0.3	0.85
3 Years ³		85.8	87.2										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Sentara Norfolk General Hospital - Norfolk VA
Provider Number 490007 (VANG)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		338	100.0	62572	100.0
Donor Type	Living	23	6.8	14525	23.2
	Cadaveric: Stroke	103	30.5	15624	25.0
	Cadaveric: MVA	66	19.5	13317	21.3
	Cadaveric: Other	146	43.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	76	22.5	10738	17.2
	18-30	85	25.1	19464	31.1
	31-45	91	26.9	18538	29.6
	46-60	67	19.8	11397	18.2
	61+	19	5.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	255	75.4	49654	79.4
	Black	73	21.6	6469	10.3
	Hispanic	6	1.8	4943	7.9
	Asian	2	0.6	801	1.3
	Other	1	0.3	620	1.0
	Not Reported	1	0.3	85	0.1
Donor Gender	Female	126	37.3	25808	41.2
	Male	212	62.7	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	23	6.8	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	33	9.8	5889	9.4
	Cadaveric: 12-21	133	39.3	16112	25.7
	Cadaveric: 22-31	78	23.1	14287	22.8
	Cadaveric: 32-41	67	19.8	7669	12.3
	Cadaveric: 42+	4	1.2	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	16	4.7	5935	9.5
	1	12	3.6	3484	5.6
	2	43	12.7	9648	15.4
	3	99	29.3	16005	25.6
	4	93	27.5	14003	22.4
	5	66	19.5	8963	14.3
	6	8	2.4	3009	4.8
	Not Reported	1	0.3	1525	2.4
Recipient Age	0-17	34	10.1	3951	6.3
	18-35	97	28.7	20414	32.6
	36-45	88	26.0	16397	26.2
	46-60	86	25.4	17170	27.4
	61+	33	9.8	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	160	47.3	41213	65.9
	Black	162	47.9	12675	20.3
	Hispanic	3	0.9	5632	9.0
	Asian	10	3.0	1740	2.8
	Other	3	0.9	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	129	38.2	25078	40.1
	Male	209	61.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	338	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	277	82.0	54138	86.5
	Yes	61	18.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	37	10.9	19677	31.4
	1-5	128	37.9	23207	37.1
	6-10	62	18.3	5736	9.2
	11+	55	16.3	5280	8.4
	Not Reported	56	16.6	8672	13.9
Peak PRA Prior to Transplant	0	40	11.8	20469	32.7
	1- 19	188	55.6	26645	42.6
	20- 79	72	21.3	9976	15.9
	80-100	37	10.9	4277	6.8
	Not Reported	1	0.3	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	84	24.9	11726	18.7
	21-25	155	45.9	23821	38.1
	26-30	74	21.9	12454	19.9
	31+	23	6.8	5762	9.2
	Not Reported	2	0.6	8809	14.1
Primary Kidney Disease	Glomerular	88	26.0	16923	27.0
	Cystic/Congenital	32	9.5	7349	11.7
	Systemic	106	31.4	11759	18.8
	Tubulointerstitial	26	7.7	4233	6.8
	Diabetes	50	14.8	14059	22.5
	Other Diagnosis	28	8.3	5271	8.4
	Not Reported	8	2.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	332	98.2	59280	94.7
	Hospitalized	4	1.2	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	2	0.6	906	1.4
Year of Transplant	1988	50	14.8	9021	14.4
	1989	53	15.7	8951	14.3
	1990	78	23.1	9819	15.7
	1991	52	15.4	10077	16.1
	1992	47	13.9	10157	16.2
	1993-1994	58	17.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	61	18.0	5716	9.1
	No	130	38.5	26528	42.4
	Not Reported	8	2.4	949	1.5
	N/A*: Yes	45	13.3	7249	11.6
	N/A*: No	88	26.0	21509	34.4
	N/A*: Not Reported	6	1.8	621	1.0
Rejection in First 6 Months After Transplant*	Yes	107	31.7	13559	21.7
	No	92	27.2	19634	31.4
	N/A*: Yes	59	17.5	12277	19.6
	N/A*: No	80	23.7	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Sentara Norfolk General Hospital
600 Gresham Drive, Norfolk, VA 23507
Provider Number 490007 (VANG)**

May 1997

Sentara Norfolk General Hospital is pleased that the UNOS survival statistics for our Kidney Transplant Program meet or exceed the expected outcomes based on national data. The data reflects our long term commitment to quality patient care by our extensive transplant team. Our program has always endeavored to serve a much higher percentage of black recipients than the national average and has emphasized in the reported time period cadaveric transplantation over living donor transplantation. It is well documented that outcomes of renal transplants from cadaveric donors and outcomes of transplants into black recipients have lower success rates. Therefore our statistics show lower actual and expected survival rates than those from programs doing more living related transplants and having fewer black recipients. In recent years since 1994, we have increased our percentage of living related transplants to allow more of our waiting patients to be transplanted with excellent results.

Richard L. Hurwitz, M.D.
Medical Director



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Carilion Roanoke Memorial Hospital - Roanoke VA
Provider Number 490024 (VARM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				16	100.0	93.1	16	16	0	100.0	93.1	6.9	0.27
1 Year				16	100.0	89.7	16	16	0	100.0	89.7	10.3	0.17
Cond. ³ 3 Years													
3 Years ³													

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months				16	100.0	98.7	16	15.0	0.0	100.0	98.7	1.3	0.65
1 Year				16	100.0	97.0	16	15.0	0.0	100.0	97.0	3.0	0.48
Cond. ³ 3 Years													
3 Years ³													

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Carilion Roanoke Memorial Hospital - Roanoke VA
Provider Number 490024 (VARM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		16	100.0	62572	100.0
Donor Type	Living	11	68.8	14525	23.2
	Cadaveric: Stroke	2	12.5	15624	25.0
	Cadaveric: MVA	1	6.3	13317	21.3
	Cadaveric: Other	2	12.5	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	2	12.5	10738	17.2
	18-30	6	37.5	19464	31.1
	31-45	2	12.5	18538	29.6
	46-60	6	37.5	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	12	75.0	49654	79.4
	Black	3	18.8	6469	10.3
	Hispanic	1	6.3	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	8	50.0	25808	41.2
	Male	8	50.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	11	68.8	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	1	6.3	5889	9.4
	Cadaveric: 12-21	1	6.3	16112	25.7
	Cadaveric: 22-31	0	0.0	14287	22.8
	Cadaveric: 32-41	2	12.5	7669	12.3
	Cadaveric: 42+	1	6.3	2519	4.0
	Not Reported	0	0.0	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	0	0.0	5935	9.5
	1	0	0.0	3484	5.6
	2	6	37.5	9648	15.4
	3	7	43.8	16005	25.6
	4	1	6.3	14003	22.4
	5	1	6.3	8963	14.3
	6	1	6.3	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	11	68.8	20414	32.6
	36-45	1	6.3	16397	26.2
	46-60	3	18.8	17170	27.4
	61+	1	6.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	12	75.0	41213	65.9
	Black	4	25.0	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	1	6.3	25078	40.1
	Male	15	93.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	16	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	13	81.3	54138	86.5
	Yes	3	18.8	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	9	56.3	19677	31.4
	1-5	5	31.3	23207	37.1
	6-10	1	6.3	5736	9.2
	11+	1	6.3	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	14	87.5	20469	32.7
	1- 19	1	6.3	26645	42.6
	20- 79	1	6.3	9976	15.9
	80-100	0	0.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	0	0.0	11726	18.7
	21-25	3	18.8	23821	38.1
	26-30	2	12.5	12454	19.9
	31+	1	6.3	5762	9.2
	Not Reported	10	62.5	8809	14.1
Primary Kidney Disease	Glomerular	10	62.5	16923	27.0
	Cystic/Congenital	2	12.5	7349	11.7
	Systemic	0	0.0	11759	18.8
	Tubulointerstitial	2	12.5	4233	6.8
	Diabetes	2	12.5	14059	22.5
	Other Diagnosis	0	0.0	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	16	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	0	0.0	9021	14.4
	1989	0	0.0	8951	14.3
	1990	0	0.0	9819	15.7
	1991	0	0.0	10077	16.1
	1992	0	0.0	10157	16.2
	1993-1994	16	100.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	0	0.0	5716	9.1
	No	0	0.0	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	0	0.0	7249	11.6
	N/A*: No	16	100.0	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	0	0.0	13559	21.7
	No	0	0.0	19634	31.4
	N/A*: Yes	3	18.8	12277	19.6
	N/A*: No	13	81.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of Virginia Health Science Center - Charlottesville VA
Provider Number 490009 (VAUV)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	206	91.7	88.9	94	86.2	90.6	300	300	30	90.0	89.5	0.5	0.75
1 Year	206	84.4	83.6	94	77.7	85.5	300	299	53	82.3	84.2	-1.9	0.36
Cond. ³ 3 Years	173	90.6	92.0				173	166	16	90.6	92.0	-1.4	0.50
3 Years ³		76.5	76.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	204	98.0	96.9	94	96.7	97.2	296	291.7	7.0	97.6	97.0	0.6	0.54
1 Year	204	95.5	94.0	94	93.4	94.1	296	287.7	15.0	94.8	94.0	0.8	0.53
Cond. ³ 3 Years	194	93.7	94.5				194	186.5	12.0	93.7	94.5	-0.8	0.62
3 Years ³		89.4	88.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of Virginia Health Science Center - Charlottesville VA
Provider Number 490009 (VAUV)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		300	100.0	62572	100.0
Donor Type	Living	65	21.7	14525	23.2
	Cadaveric: Stroke	62	20.7	15624	25.0
	Cadaveric: MVA	72	24.0	13317	21.3
	Cadaveric: Other	101	33.7	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	59	19.7	10738	17.2
	18-30	94	31.3	19464	31.1
	31-45	92	30.7	18538	29.6
	46-60	52	17.3	11397	18.2
	61+	3	1.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	257	85.7	49654	79.4
	Black	37	12.3	6469	10.3
	Hispanic	5	1.7	4943	7.9
	Asian	0	0.0	801	1.3
	Other	1	0.3	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	111	37.0	25808	41.2
	Male	189	63.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	61	20.3	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	2	0.7	551	0.9
	Cadaveric: 0-11	12	4.0	5889	9.4
	Cadaveric: 12-21	71	23.7	16112	25.7
	Cadaveric: 22-31	97	32.3	14287	22.8
	Cadaveric: 32-41	45	15.0	7669	12.3
	Cadaveric: 42+	5	1.7	2519	4.0
	Not Reported	7	2.3	3935	6.3

		----- Program -----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	24	8.0	5935	9.5
	1	14	4.7	3484	5.6
	2	33	11.0	9648	15.4
	3	63	21.0	16005	25.6
	4	75	25.0	14003	22.4
	5	68	22.7	8963	14.3
	6	22	7.3	3009	4.8
	Not Reported	1	0.3	1525	2.4
Recipient Age	0-17	22	7.3	3951	6.3
	18-35	99	33.0	20414	32.6
	36-45	74	24.7	16397	26.2
	46-60	77	25.7	17170	27.4
	61+	28	9.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	242	80.7	41213	65.9
	Black	56	18.7	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	1	0.3	1740	2.8
	Other	1	0.3	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	115	38.3	25078	40.1
	Male	185	61.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	270	90.0	59783	95.5
	Kidney and Pancreas	30	10.0	2789	4.5
Previous Kidney Transplant	No	273	91.0	54138	86.5
	Yes	27	9.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	71	23.7	19677	31.4
	1-5	107	35.7	23207	37.1
	6-10	34	11.3	5736	9.2
	11+	22	7.3	5280	8.4
	Not Reported	66	22.0	8672	13.9
Peak PRA Prior to Transplant	0	209	69.7	20469	32.7
	1- 19	62	20.7	26645	42.6
	20- 79	21	7.0	9976	15.9
	80-100	8	2.7	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	59	19.7	11726	18.7
	21-25	133	44.3	23821	38.1
	26-30	64	21.3	12454	19.9
	31+	38	12.7	5762	9.2
	Not Reported	6	2.0	8809	14.1
Primary Kidney Disease	Glomerular	82	27.3	16923	27.0
	Cystic/Congenital	37	12.3	7349	11.7
	Systemic	44	14.7	11759	18.8
	Tubulointerstitial	21	7.0	4233	6.8
	Diabetes	96	32.0	14059	22.5
	Other Diagnosis	15	5.0	5271	8.4
	Not Reported	5	1.7	2978	4.8
Recipient Description at Transplant	Not Hospitalized	296	98.7	59280	94.7
	Hospitalized	2	0.7	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	2	0.7	906	1.4
Year of Transplant	1988	25	8.3	9021	14.4
	1989	42	14.0	8951	14.3
	1990	60	20.0	9819	15.7
	1991	58	19.3	10077	16.1
	1992	53	17.7	10157	16.2
	1993-1994	62	20.7	14547	23.2
Dialysis in First Week After Transplant*	Yes	28	9.3	5716	9.1
	No	141	47.0	26528	42.4
	Not Reported	4	1.3	949	1.5
	N/A*: Yes	19	6.3	7249	11.6
	N/A*: No	103	34.3	21509	34.4
	N/A*: Not Reported	5	1.7	621	1.0
Rejection in First 6 Months After Transplant*	Yes	67	22.3	13559	21.7
	No	106	35.3	19634	31.4
	N/A*: Yes	64	21.3	12277	19.6
	N/A*: No	63	21.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Fletcher Allen Health Center- Burlington VT
Provider Number 470003 (VTMC)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	77	83.1	88.6	9	66.7	89.3	86	86	16	81.4	88.7	-7.3	0.03*
1 Year	77	80.5	83.9	9	66.7	83.0	86	86	18	79.1	83.8	-4.8	0.22
Cond. ³ 3 Years	60	94.8	92.8				60	54	3	94.8	92.8	2.0	0.56
3 Years ³		76.3	77.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	76	88.1	97.2	9	100.0	97.5	85	84.5	9.0	89.3	97.3	-7.9	<0.01*
1 Year	76	85.4	94.6	9	100.0	93.8	85	84.5	11.0	87.0	94.6	-7.6	<0.01*
Cond. ³ 3 Years	63	95.2	95.3				63	59.0	3.0	95.2	95.3	-0.1	0.97
3 Years ³		81.3	90.2										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Fletcher Allen Health Center- Burlington VT
Provider Number 470003 (VTMC)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		86	100.0	62572	100.0
Donor Type	Living	24	27.9	14525	23.2
	Cadaveric: Stroke	25	29.1	15624	25.0
	Cadaveric: MVA	20	23.3	13317	21.3
	Cadaveric: Other	17	19.8	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	12	14.0	10738	17.2
	18-30	29	33.7	19464	31.1
	31-45	22	25.6	18538	29.6
	46-60	19	22.1	11397	18.2
	61+	4	4.7	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	85	98.8	49654	79.4
	Black	0	0.0	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	1	1.2	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	32	37.2	25808	41.2
	Male	54	62.8	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	23	26.7	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	10	11.6	5889	9.4
	Cadaveric: 12-21	19	22.1	16112	25.7
	Cadaveric: 22-31	12	14.0	14287	22.8
	Cadaveric: 32-41	15	17.4	7669	12.3
	Cadaveric: 42+	4	4.7	2519	4.0
	Not Reported	3	3.5	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	17	19.8	5935	9.5
	1	3	3.5	3484	5.6
	2	13	15.1	9648	15.4
	3	10	11.6	16005	25.6
	4	15	17.4	14003	22.4
	5	19	22.1	8963	14.3
	6	7	8.1	3009	4.8
	Not Reported	2	2.3	1525	2.4
Recipient Age	0-17	2	2.3	3951	6.3
	18-35	37	43.0	20414	32.6
	36-45	20	23.3	16397	26.2
	46-60	24	27.9	17170	27.4
	61+	3	3.5	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	82	95.3	41213	65.9
	Black	2	2.3	12675	20.3
	Hispanic	1	1.2	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	1	1.2	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	35	40.7	25078	40.1
	Male	51	59.3	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	86	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	78	90.7	54138	86.5
	Yes	8	9.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	9	10.5	19677	31.4
	1-5	29	33.7	23207	37.1
	6-10	18	20.9	5736	9.2
	11+	26	30.2	5280	8.4
	Not Reported	4	4.7	8672	13.9
Peak PRA Prior to Transplant	0	9	10.5	20469	32.7
	1- 19	57	66.3	26645	42.6
	20- 79	11	12.8	9976	15.9
	80-100	9	10.5	4277	6.8
	Not Reported	0	0.0	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	17	19.8	11726	18.7
	21-25	41	47.7	23821	38.1
	26-30	21	24.4	12454	19.9
	31+	7	8.1	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	26	30.2	16923	27.0
	Cystic/Congenital	14	16.3	7349	11.7
	Systemic	4	4.7	11759	18.8
	Tubulointerstitial	4	4.7	4233	6.8
	Diabetes	15	17.4	14059	22.5
	Other Diagnosis	9	10.5	5271	8.4
	Not Reported	14	16.3	2978	4.8
Recipient Description at Transplant	Not Hospitalized	86	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	22	25.6	9021	14.4
	1989	15	17.4	8951	14.3
	1990	25	29.1	9819	15.7
	1991	15	17.4	10077	16.1
	1992	0	0.0	10157	16.2
	1993-1994	9	10.5	14547	23.2
Dialysis in First Week After Transplant*	Yes	9	10.5	5716	9.1
	No	50	58.1	26528	42.4
	Not Reported	1	1.2	949	1.5
	N/A*: Yes	12	14.0	7249	11.6
	N/A*: No	14	16.3	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	31	36.0	13559	21.7
	No	29	33.7	19634	31.4
	N/A*: Yes	6	7.0	12277	19.6
	N/A*: No	20	23.3	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Response From: Fletcher Allen Health Care
111 Colchester Avenue, Burlington, VT 05401
Provider Number 470003 (VTMC)

April 30, 1997

The only comment regarding the transplant program at Fletcher Allen Health Care is that the vast majority of these transplants (90%) were done under a previous transplant program. Currently, the transplant program has both a new surgical director and medical director and the next center specific report should more accurately gauge the current program.

Jeffrey C. Reese, M.D.
Director, Transplant Program



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Children's Hospital & Medical Center - Seattle WA
Provider Number 503300 (WACH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	27	85.2	87.4	9	100.0	94.9	36	36	4	88.9	89.3	-0.4	0.94
1 Year	27	77.8	82.9	9	100.0	92.4	36	33	6	82.6	85.0	-2.3	0.69
Cond. ³ 3 Years	21	89.7	89.3				21	17	2	89.7	89.3	0.4	0.95
3 Years ³		69.8	74.0										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	27	96.3	98.3	9	100.0	99.5	36	36.0	1.0	97.2	98.6	-1.4	0.49
1 Year	27	96.2	96.3	9	100.0	98.8	36	32.0	1.0	97.1	96.9	0.2	0.95
Cond. ³ 3 Years	25	100.0	98.4				25	21.0	0.0	100.0	98.4	1.6	0.54
3 Years ³		96.2	94.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Children's Hospital & Medical Center - Seattle WA
Provider Number 503300 (WACH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		36	100.0	62572	100.0
Donor Type	Living	22	61.1	14525	23.2
	Cadaveric: Stroke	2	5.6	15624	25.0
	Cadaveric: MVA	4	11.1	13317	21.3
	Cadaveric: Other	8	22.2	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	6	16.7	10738	17.2
	18-30	13	36.1	19464	31.1
	31-45	16	44.4	18538	29.6
	46-60	1	2.8	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	32	88.9	49654	79.4
	Black	1	2.8	6469	10.3
	Hispanic	3	8.3	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	11	30.6	25808	41.2
	Male	25	69.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	21	58.3	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	2	5.6	5889	9.4
	Cadaveric: 12-21	3	8.3	16112	25.7
	Cadaveric: 22-31	3	8.3	14287	22.8
	Cadaveric: 32-41	2	5.6	7669	12.3
	Cadaveric: 42+	2	5.6	2519	4.0
	Not Reported	3	8.3	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	2	5.6	5935	9.5
	1	1	2.8	3484	5.6
	2	10	27.8	9648	15.4
	3	14	38.9	16005	25.6
	4	6	16.7	14003	22.4
	5	2	5.6	8963	14.3
	6	0	0.0	3009	4.8
	Not Reported	1	2.8	1525	2.4
Recipient Age	0-17	34	94.4	3951	6.3
	18-35	2	5.6	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	27	75.0	41213	65.9
	Black	3	8.3	12675	20.3
	Hispanic	4	11.1	5632	9.0
	Asian	1	2.8	1740	2.8
	Other	1	2.8	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	14	38.9	25078	40.1
	Male	22	61.1	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	36	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	31	86.1	54138	86.5
	Yes	5	13.9	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	11	30.6	19677	31.4
	1-5	6	16.7	23207	37.1
	6-10	4	11.1	5736	9.2
	11+	5	13.9	5280	8.4
	Not Reported	10	27.8	8672	13.9
Peak PRA Prior to Transplant	0	21	58.3	20469	32.7
	1- 19	6	16.7	26645	42.6
	20- 79	5	13.9	9976	15.9
	80-100	1	2.8	4277	6.8
	Not Reported	3	8.3	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	29	80.6	11726	18.7
	21-25	6	16.7	23821	38.1
	26-30	0	0.0	12454	19.9
	31+	1	2.8	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	5	13.9	16923	27.0
	Cystic/Congenital	12	33.3	7349	11.7
	Systemic	3	8.3	11759	18.8
	Tubulointerstitial	11	30.6	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	4	11.1	5271	8.4
	Not Reported	1	2.8	2978	4.8
Recipient Description at Transplant	Not Hospitalized	33	91.7	59280	94.7
	Hospitalized	3	8.3	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	6	16.7	9021	14.4
	1989	8	22.2	8951	14.3
	1990	7	19.4	9819	15.7
	1991	3	8.3	10077	16.1
	1992	3	8.3	10157	16.2
	1993-1994	9	25.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	2	5.6	5716	9.1
	No	18	50.0	26528	42.4
	Not Reported	1	2.8	949	1.5
	N/A*: Yes	2	5.6	7249	11.6
	N/A*: No	12	33.3	21509	34.4
	N/A*: Not Reported	1	2.8	621	1.0
Rejection in First 6 Months After Transplant*	Yes	14	38.9	13559	21.7
	No	7	19.4	19634	31.4
	N/A*: Yes	4	11.1	12277	19.6
	N/A*: No	11	30.6	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Sacred Heart Medical Center - Spokane WA
Provider Number 500054 (WASH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	124	81.5	88.4	56	89.3	90.7	180	180	29	83.9	89.1	-5.2	0.02*
1 Year	124	75.8	83.4	56	80.4	86.4	180	180	41	77.2	84.3	-7.1	<0.01*
Cond. ³ 3 Years	94	92.5	93.5				94	93	7	92.5	93.5	-1.0	0.69
3 Years ³		70.1	78.0										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	118	94.8	96.6	56	100.0	97.8	171	171.0	6.0	96.5	97.0	-0.5	0.71
1 Year	118	91.8	93.4	56	96.3	95.3	171	168.0	11.5	93.2	94.0	-0.7	0.68
Cond. ³ 3 Years	109	92.6	93.5				109	104.0	8.0	92.6	93.5	-0.9	0.70
3 Years ³		85.0	87.3										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Sacred Heart Medical Center - Spokane WA
Provider Number 500054 (WASH)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		180	100.0	62572	100.0
Donor Type	Living	43	23.9	14525	23.2
	Cadaveric: Stroke	31	17.2	15624	25.0
	Cadaveric: MVA	45	25.0	13317	21.3
	Cadaveric: Other	61	33.9	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	43	23.9	10738	17.2
	18-30	46	25.6	19464	31.1
	31-45	47	26.1	18538	29.6
	46-60	42	23.3	11397	18.2
	61+	2	1.1	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	166	92.2	49654	79.4
	Black	1	0.6	6469	10.3
	Hispanic	7	3.9	4943	7.9
	Asian	2	1.1	801	1.3
	Other	1	0.6	620	1.0
	Not Reported	3	1.7	85	0.1
Donor Gender	Female	77	42.8	25808	41.2
	Male	103	57.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	43	23.9	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	24	13.3	5889	9.4
	Cadaveric: 12-21	71	39.4	16112	25.7
	Cadaveric: 22-31	30	16.7	14287	22.8
	Cadaveric: 32-41	10	5.6	7669	12.3
	Cadaveric: 42+	2	1.1	2519	4.0
	Not Reported	0	0.0	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	17	9.4	5935	9.5
	1	13	7.2	3484	5.6
	2	24	13.3	9648	15.4
	3	47	26.1	16005	25.6
	4	46	25.6	14003	22.4
	5	29	16.1	8963	14.3
	6	4	2.2	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	5	2.8	3951	6.3
	18-35	66	36.7	20414	32.6
	36-45	31	17.2	16397	26.2
	46-60	58	32.2	17170	27.4
	61+	20	11.1	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	166	92.2	41213	65.9
	Black	2	1.1	12675	20.3
	Hispanic	6	3.3	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	6	3.3	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	61	33.9	25078	40.1
	Male	119	66.1	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	180	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	148	82.2	54138	86.5
	Yes	32	17.8	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	88	48.9	19677	31.4
	1-5	23	12.8	23207	37.1
	6-10	8	4.4	5736	9.2
	11+	61	33.9	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	52	28.9	20469	32.7
	1- 19	76	42.2	26645	42.6
	20- 79	41	22.8	9976	15.9
	80-100	11	6.1	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	25	13.9	11726	18.7
	21-25	66	36.7	23821	38.1
	26-30	30	16.7	12454	19.9
	31+	17	9.4	5762	9.2
	Not Reported	42	23.3	8809	14.1
Primary Kidney Disease	Glomerular	47	26.1	16923	27.0
	Cystic/Congenital	26	14.4	7349	11.7
	Systemic	18	10.0	11759	18.8
	Tubulointerstitial	24	13.3	4233	6.8
	Diabetes	55	30.6	14059	22.5
	Other Diagnosis	8	4.4	5271	8.4
	Not Reported	2	1.1	2978	4.8
Recipient Description at Transplant	Not Hospitalized	179	99.4	59280	94.7
	Hospitalized	1	0.6	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	29	16.1	9021	14.4
	1989	13	7.2	8951	14.3
	1990	37	20.6	9819	15.7
	1991	33	18.3	10077	16.1
	1992	32	17.8	10157	16.2
	1993-1994	36	20.0	14547	23.2
Dialysis in First Week After Transplant*	Yes	41	22.8	5716	9.1
	No	53	29.4	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	36	20.0	7249	11.6
	N/A*: No	50	27.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	49	27.2	13559	21.7
	No	45	25.0	19634	31.4
	N/A*: Yes	55	30.6	12277	19.6
	N/A*: No	31	17.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Sacred Heart Medical Center
West 101 Eighth Avenue, Spokane, WA 99220
Provider Number 500054 (WASH)**

May 8, 1997

The kidney transplant program at Sacred Heart Medical Center recently surpassed our 400th transplant, the last hundred of which were performed since May 1994.

Our center serves patients with end stage renal disease from Eastern Washington, Northern Idaho and Montana. Many of our patients travel great distances from dialysis centers served by community nephrologists whose excellent pre and post transplant patient care we value.

Our patients' three month and one graft survival improved during Era 2 (89.3, 80.4) compared with Era 1 (81.5, 75.8). Our own "in house" statistical analysis correlates with this UNOS report. We analyzed our last 108 transplants during the time since Era 2 ended (5/1/94-5/1/97). This analysis confirmed continued improvement with a three month and one year graft survival of 88.8 and 85.6 respectively. We anticipate that the 1999 Center Specific Report will reflect this analysis.

This year, we welcome Dr. Richard Carson as SHMC's renal transplant physician. We look forward to continued growth and excellence as we face more complex immunological challenges.

Robert J. Golden, M.D.
Director, Renal Transplantation



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Swedish Medical Center - Seattle WA
Provider Number 500027 (WASM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	221	81.2	88.7	67	91.9	91.0	288	277	46	83.5	89.2	-5.6	<0.01*
1 Year	221	75.2	83.7	67	90.0	86.9	288	265	59	78.5	84.4	-6.0	<0.01*
Cond. ³ 3 Years	152	91.3	92.9				152	124	12	91.3	92.9	-1.6	0.46
3 Years ³		68.7	77.8										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	218	97.1	96.9	66	98.2	98.0	278	261.0	7.0	97.4	97.2	0.2	0.84
1 Year	218	93.6	94.3	66	96.3	95.6	278	244.0	15.0	94.2	94.6	-0.4	0.78
Cond. ³ 3 Years	181	96.8	95.2				181	132.5	5.0	96.8	95.2	1.5	0.37
3 Years ³		90.6	89.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Swedish Medical Center - Seattle WA
Provider Number 500027 (WASM)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		288	100.0	62572	100.0
Donor Type	Living	77	26.7	14525	23.2
	Cadaveric: Stroke	59	20.5	15624	25.0
	Cadaveric: MVA	70	24.3	13317	21.3
	Cadaveric: Other	81	28.1	19030	30.4
	Not Reported	1	0.3	76	0.1
Donor Age	0-17	41	14.2	10738	17.2
	18-30	103	35.8	19464	31.1
	31-45	86	29.9	18538	29.6
	46-60	48	16.7	11397	18.2
	61+	10	3.5	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	264	91.7	49654	79.4
	Black	7	2.4	6469	10.3
	Hispanic	7	2.4	4943	7.9
	Asian	4	1.4	801	1.3
	Other	6	2.1	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	112	38.9	25808	41.2
	Male	176	61.1	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	54	18.8	10970	17.5
	Living: 3-5	1	0.3	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	22	7.6	5889	9.4
	Cadaveric: 12-21	55	19.1	16112	25.7
	Cadaveric: 22-31	74	25.7	14287	22.8
	Cadaveric: 32-41	35	12.2	7669	12.3
	Cadaveric: 42+	8	2.8	2519	4.0
	Not Reported	39	13.5	3935	6.3

		---- Program ----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	45	15.6	5935	9.5
	1	23	8.0	3484	5.6
	2	52	18.1	9648	15.4
	3	79	27.4	16005	25.6
	4	58	20.1	14003	22.4
	5	24	8.3	8963	14.3
	6	4	1.4	3009	4.8
	Not Reported	3	1.0	1525	2.4
Recipient Age	0-17	3	1.0	3951	6.3
	18-35	98	34.0	20414	32.6
	36-45	78	27.1	16397	26.2
	46-60	87	30.2	17170	27.4
	61+	22	7.6	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	230	79.9	41213	65.9
	Black	19	6.6	12675	20.3
	Hispanic	5	1.7	5632	9.0
	Asian	17	5.9	1740	2.8
	Other	15	5.2	1231	2.0
	Not Reported	2	0.7	81	0.1
Recipient Gender	Female	131	45.5	25078	40.1
	Male	157	54.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	288	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	232	80.6	54138	86.5
	Yes	53	18.4	8247	13.2
	Not Reported	3	1.0	187	0.3
Pretransplant Transfusions	0	133	46.2	19677	31.4
	1-5	59	20.5	23207	37.1
	6-10	34	11.8	5736	9.2
	11+	31	10.8	5280	8.4
	Not Reported	31	10.8	8672	13.9
Peak PRA Prior to Transplant	0	94	32.6	20469	32.7
	1- 19	104	36.1	26645	42.6
	20- 79	47	16.3	9976	15.9
	80-100	27	9.4	4277	6.8
	Not Reported	16	5.6	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	36	12.5	11726	18.7
	21-25	84	29.2	23821	38.1
	26-30	83	28.8	12454	19.9
	31+	54	18.8	5762	9.2
	Not Reported	31	10.8	8809	14.1
Primary Kidney Disease	Glomerular	116	40.3	16923	27.0
	Cystic/Congenital	42	14.6	7349	11.7
	Systemic	35	12.2	11759	18.8
	Tubulointerstitial	23	8.0	4233	6.8
	Diabetes	44	15.3	14059	22.5
	Other Diagnosis	22	7.6	5271	8.4
	Not Reported	6	2.1	2978	4.8
Recipient Description at Transplant	Not Hospitalized	286	99.3	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	1	0.3	469	0.7
	Not Reported	1	0.3	906	1.4
Year of Transplant	1988	47	16.3	9021	14.4
	1989	66	22.9	8951	14.3
	1990	58	20.1	9819	15.7
	1991	47	16.3	10077	16.1
	1992	25	8.7	10157	16.2
	1993-1994	45	15.6	14547	23.2
Dialysis in First Week After Transplant*	Yes	25	8.7	5716	9.1
	No	125	43.4	26528	42.4
	Not Reported	2	0.7	949	1.5
	N/A*: Yes	38	13.2	7249	11.6
	N/A*: No	95	33.0	21509	34.4
	N/A*: Not Reported	3	1.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	50	17.4	13559	21.7
	No	102	35.4	19634	31.4
	N/A*: Yes	41	14.2	12277	19.6
	N/A*: No	95	33.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of Washington Medical Center - Seattle WA
Provider Number 500008 (WAUW)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	167	92.2	89.6	129	96.9	91.1	296	296	17	94.3	90.3	4.0	0.02*
1 Year	167	87.6	84.6	129	92.2	86.2	296	286	30	89.7	85.3	4.4	0.03*
Cond. ³ 3 Years	137	90.2	92.9				137	130	13	90.2	92.9	-2.7	0.21
3 Years ³		79.0	78.6										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	166	97.5	97.3	129	99.2	97.4	292	289.5	5.0	98.3	97.3	1.0	0.31
1 Year	166	96.2	94.4	129	96.8	94.3	292	276.0	10.0	96.5	94.4	2.1	0.12
Cond. ³ 3 Years	148	94.3	94.9				148	133.0	8.0	94.3	94.9	-0.6	0.75
3 Years ³		90.6	89.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of Washington Medical Center - Seattle WA
Provider Number 500008 (WAUW)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		296	100.0	62572	100.0
Donor Type	Living	65	22.0	14525	23.2
	Cadaveric: Stroke	79	26.7	15624	25.0
	Cadaveric: MVA	53	17.9	13317	21.3
	Cadaveric: Other	99	33.4	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	58	19.6	10738	17.2
	18-30	76	25.7	19464	31.1
	31-45	113	38.2	18538	29.6
	46-60	42	14.2	11397	18.2
	61+	7	2.4	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	271	91.6	49654	79.4
	Black	7	2.4	6469	10.3
	Hispanic	8	2.7	4943	7.9
	Asian	2	0.7	801	1.3
	Other	8	2.7	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	109	36.8	25808	41.2
	Male	187	63.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	23	7.8	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	6	2.0	551	0.9
	Cadaveric: 0-11	14	4.7	5889	9.4
	Cadaveric: 12-21	51	17.2	16112	25.7
	Cadaveric: 22-31	70	23.6	14287	22.8
	Cadaveric: 32-41	39	13.2	7669	12.3
	Cadaveric: 42+	11	3.7	2519	4.0
	Not Reported	82	27.7	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	33	11.1	5935	9.5
	1	12	4.1	3484	5.6
	2	50	16.9	9648	15.4
	3	74	25.0	16005	25.6
	4	59	19.9	14003	22.4
	5	50	16.9	8963	14.3
	6	15	5.1	3009	4.8
	Not Reported	3	1.0	1525	2.4
Recipient Age	0-17	2	0.7	3951	6.3
	18-35	127	42.9	20414	32.6
	36-45	81	27.4	16397	26.2
	46-60	75	25.3	17170	27.4
	61+	11	3.7	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	254	85.8	41213	65.9
	Black	15	5.1	12675	20.3
	Hispanic	3	1.0	5632	9.0
	Asian	16	5.4	1740	2.8
	Other	8	2.7	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	114	38.5	25078	40.1
	Male	182	61.5	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	218	73.6	59783	95.5
	Kidney and Pancreas	78	26.4	2789	4.5
Previous Kidney Transplant	No	264	89.2	54138	86.5
	Yes	29	9.8	8247	13.2
	Not Reported	3	1.0	187	0.3
Pretransplant Transfusions	0	87	29.4	19677	31.4
	1-5	71	24.0	23207	37.1
	6-10	9	3.0	5736	9.2
	11+	11	3.7	5280	8.4
	Not Reported	118	39.9	8672	13.9
Peak PRA Prior to Transplant	0	98	33.1	20469	32.7
	1- 19	112	37.8	26645	42.6
	20- 79	37	12.5	9976	15.9
	80-100	14	4.7	4277	6.8
	Not Reported	35	11.8	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	51	17.2	11726	18.7
	21-25	142	48.0	23821	38.1
	26-30	66	22.3	12454	19.9
	31+	28	9.5	5762	9.2
	Not Reported	9	3.0	8809	14.1
Primary Kidney Disease	Glomerular	78	26.4	16923	27.0
	Cystic/Congenital	22	7.4	7349	11.7
	Systemic	21	7.1	11759	18.8
	Tubulointerstitial	17	5.7	4233	6.8
	Diabetes	127	42.9	14059	22.5
	Other Diagnosis	18	6.1	5271	8.4
	Not Reported	13	4.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	294	99.3	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	2	0.7	906	1.4
Year of Transplant	1988	15	5.1	9021	14.4
	1989	21	7.1	8951	14.3
	1990	55	18.6	9819	15.7
	1991	56	18.9	10077	16.1
	1992	62	20.9	10157	16.2
	1993-1994	87	29.4	14547	23.2
Dialysis in First Week After Transplant*	Yes	20	6.8	5716	9.1
	No	113	38.2	26528	42.4
	Not Reported	4	1.4	949	1.5
	N/A*: Yes	26	8.8	7249	11.6
	N/A*: No	132	44.6	21509	34.4
	N/A*: Not Reported	1	0.3	621	1.0
Rejection in First 6 Months After Transplant*	Yes	80	27.0	13559	21.7
	No	57	19.3	19634	31.4
	N/A*: Yes	69	23.3	12277	19.6
	N/A*: No	90	30.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: University of Washington Medical Center
1959 N.E. Pacific Street, Seattle, WA 98195
Provider Number 500008 (WAUW)**

May 7, 1997

The University of Washington Transplant Services is a multidisciplinary team dedicated to providing outstanding transplant care with compassion, integrity, and respect for individual dignity. We are committed to improving our expertise through innovative research and continuous education in order to give patients with organ failure an opportunity to pursue a higher quality of life. This commitment is reflected in this UNOS report which indicates that our graft survival rates continue to be significantly better than expected despite the complex patients that are referred to our institution for transplantation.

The University of Washington Medical Center provides a full range of solid organ transplantation expertise including kidney, pancreas, liver, heart and lung. The medical center has been ranked among the top hospitals in the country according to the 1996 U.S. news and World Report annual guide to "America's Best Hospitals". In addition the University of Washington School of Medicine recently celebrated fifty years of teaching, research and patient care, and ranks in the top ten schools for NIH research dollars.

Christopher Lee Marsh, M.D., F.A.C.S.
Director, Kidney and Pancreas Transplant Program



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Virginia Mason Medical Center - Seattle WA
Provider Number 500005 (WAVM)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	386	85.8	89.4	180	94.4	91.3	566	565	65	88.5	90.0	-1.5	0.22
1 Year	386	80.3	84.6	180	92.1	87.0	566	561	90	84.0	85.4	-1.4	0.35
Cond. ³ 3 Years	309	93.8	93.3				309	297	19	93.8	93.3	0.4	0.76
3 Years ³		75.3	79.0										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	381	97.3	97.0	180	99.4	97.7	557	553.0	11.0	98.0	97.2	0.8	0.24
1 Year	381	93.1	94.1	180	97.7	95.1	557	548.0	30.0	94.6	94.4	0.2	0.86
Cond. ³ 3 Years	354	94.2	94.5				354	340.5	20.0	94.2	94.5	-0.2	0.86
3 Years ³		87.7	88.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Virginia Mason Medical Center - Seattle WA
Provider Number 500005 (WAVM)

		---- Program ----		-- National --	
		Number	%	Number	%
Total Transplants and Percentages		566	100.0	62572	100.0
Donor Type	Living	137	24.2	14525	23.2
	Cadaveric: Stroke	125	22.1	15624	25.0
	Cadaveric: MVA	131	23.1	13317	21.3
	Cadaveric: Other	173	30.6	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	100	17.7	10738	17.2
	18-30	181	32.0	19464	31.1
	31-45	178	31.4	18538	29.6
	46-60	98	17.3	11397	18.2
	61+	9	1.6	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	512	90.5	49654	79.4
	Black	11	1.9	6469	10.3
	Hispanic	15	2.7	4943	7.9
	Asian	7	1.2	801	1.3
	Other	21	3.7	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	232	41.0	25808	41.2
	Male	334	59.0	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	64	11.3	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	33	5.8	551	0.9
	Cadaveric: 0-11	22	3.9	5889	9.4
	Cadaveric: 12-21	110	19.4	16112	25.7
	Cadaveric: 22-31	165	29.2	14287	22.8
	Cadaveric: 32-41	71	12.5	7669	12.3
	Cadaveric: 42+	11	1.9	2519	4.0
	Not Reported	90	15.9	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	81	14.3	5935	9.5
	1	48	8.5	3484	5.6
	2	117	20.7	9648	15.4
	3	145	25.6	16005	25.6
	4	132	23.3	14003	22.4
	5	33	5.8	8963	14.3
	6	7	1.2	3009	4.8
	Not Reported	3	0.5	1525	2.4
Recipient Age	0-17	14	2.5	3951	6.3
	18-35	183	32.3	20414	32.6
	36-45	154	27.2	16397	26.2
	46-60	163	28.8	17170	27.4
	61+	51	9.0	4627	7.4
	Not Reported	1	0.2	13	0.0
Recipient Race	White	473	83.6	41213	65.9
	Black	26	4.6	12675	20.3
	Hispanic	13	2.3	5632	9.0
	Asian	22	3.9	1740	2.8
	Other	31	5.5	1231	2.0
	Not Reported	1	0.2	81	0.1
Recipient Gender	Female	243	42.9	25078	40.1
	Male	323	57.1	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	560	98.9	59783	95.5
	Kidney and Pancreas	6	1.1	2789	4.5
Previous Kidney Transplant	No	504	89.0	54138	86.5
	Yes	62	11.0	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	164	29.0	19677	31.4
	1-5	197	34.8	23207	37.1
	6-10	44	7.8	5736	9.2
	11+	50	8.8	5280	8.4
	Not Reported	111	19.6	8672	13.9
Peak PRA Prior to Transplant	0	189	33.4	20469	32.7
	1- 19	215	38.0	26645	42.6
	20- 79	93	16.4	9976	15.9
	80-100	37	6.5	4277	6.8
	Not Reported	32	5.7	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	104	18.4	11726	18.7
	21-25	268	47.3	23821	38.1
	26-30	129	22.8	12454	19.9
	31+	61	10.8	5762	9.2
	Not Reported	4	0.7	8809	14.1
Primary Kidney Disease	Glomerular	171	30.2	16923	27.0
	Cystic/Congenital	81	14.3	7349	11.7
	Systemic	54	9.5	11759	18.8
	Tubulointerstitial	33	5.8	4233	6.8
	Diabetes	171	30.2	14059	22.5
	Other Diagnosis	47	8.3	5271	8.4
	Not Reported	9	1.6	2978	4.8
Recipient Description at Transplant	Not Hospitalized	564	99.6	59280	94.7
	Hospitalized	1	0.2	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	0.2	906	1.4
Year of Transplant	1988	70	12.4	9021	14.4
	1989	91	16.1	8951	14.3
	1990	109	19.3	9819	15.7
	1991	97	17.1	10077	16.1
	1992	74	13.1	10157	16.2
	1993-1994	125	22.1	14547	23.2
Dialysis in First Week After Transplant*	Yes	77	13.6	5716	9.1
	No	230	40.6	26528	42.4
	Not Reported	2	0.4	949	1.5
	N/A*: Yes	105	18.6	7249	11.6
	N/A*: No	151	26.7	21509	34.4
	N/A*: Not Reported	1	0.2	621	1.0
Rejection in First 6 Months After Transplant*	Yes	166	29.3	13559	21.7
	No	143	25.3	19634	31.4
	N/A*: Yes	99	17.5	12277	19.6
	N/A*: No	158	27.9	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Children's Hospital of Wisconsin - Milwaukee WI
Provider Number 523300 (WICH)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	23	69.6	85.0	12	91.7	86.0	35	35	8	77.1	85.3	-8.2	0.16
1 Year	23	64.5	79.8	12	91.7	80.0	35	34	9	74.0	79.9	-5.9	0.37
Cond. ³ 3 Years	14	92.9	89.6				14	14	1	92.9	89.6	3.3	0.68
3 Years ³		59.9	71.5										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	23	100.0	98.5	12	100.0	98.9	34	32.5	0.0	100.0	98.7	1.3	0.50
1 Year	23	95.1	97.0	12	100.0	97.5	34	31.5	1.0	96.9	97.2	-0.3	0.91
Cond. ³ 3 Years	21	94.5	97.8				21	16.5	1.0	94.5	97.8	-3.2	0.34
3 Years ³		89.9	94.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Children's Hospital of Wisconsin - Milwaukee WI
Provider Number 523300 (WICH)

		---- Program----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		35	100.0	62572	100.0
Donor Type	Living	18	51.4	14525	23.2
	Cadaveric: Stroke	4	11.4	15624	25.0
	Cadaveric: MVA	5	14.3	13317	21.3
	Cadaveric: Other	8	22.9	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	11	31.4	10738	17.2
	18-30	8	22.9	19464	31.1
	31-45	12	34.3	18538	29.6
	46-60	4	11.4	11397	18.2
	61+	0	0.0	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	28	80.0	49654	79.4
	Black	4	11.4	6469	10.3
	Hispanic	3	8.6	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	20	57.1	25808	41.2
	Male	15	42.9	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	18	51.4	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	7	20.0	5889	9.4
	Cadaveric: 12-21	6	17.1	16112	25.7
	Cadaveric: 22-31	1	2.9	14287	22.8
	Cadaveric: 32-41	3	8.6	7669	12.3
	Cadaveric: 42+	0	0.0	2519	4.0
	Not Reported	0	0.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	0	0.0	5935	9.5
	1	1	2.9	3484	5.6
	2	10	28.6	9648	15.4
	3	12	34.3	16005	25.6
	4	6	17.1	14003	22.4
	5	5	14.3	8963	14.3
	6	1	2.9	3009	4.8
	Not Reported	0	0.0	1525	2.4
Recipient Age	0-17	33	94.3	3951	6.3
	18-35	2	5.7	20414	32.6
	36-45	0	0.0	16397	26.2
	46-60	0	0.0	17170	27.4
	61+	0	0.0	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	23	65.7	41213	65.9
	Black	8	22.9	12675	20.3
	Hispanic	4	11.4	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	12	34.3	25078	40.1
	Male	23	65.7	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	35	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	29	82.9	54138	86.5
	Yes	6	17.1	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	8	22.9	19677	31.4
	1-5	14	40.0	23207	37.1
	6-10	3	8.6	5736	9.2
	11+	10	28.6	5280	8.4
	Not Reported	0	0.0	8672	13.9
Peak PRA Prior to Transplant	0	0	0.0	20469	32.7
	1- 19	14	40.0	26645	42.6
	20- 79	14	40.0	9976	15.9
	80-100	7	20.0	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	34	97.1	11726	18.7
	21-25	1	2.9	23821	38.1
	26-30	0	0.0	12454	19.9
	31+	0	0.0	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	15	42.9	16923	27.0
	Cystic/Congenital	12	34.3	7349	11.7
	Systemic	4	11.4	11759	18.8
	Tubulointerstitial	3	8.6	4233	6.8
	Diabetes	0	0.0	14059	22.5
	Other Diagnosis	1	2.9	5271	8.4
	Not Reported	0	0.0	2978	4.8
Recipient Description at Transplant	Not Hospitalized	34	97.1	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	1	2.9	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	7	20.0	9021	14.4
	1989	5	14.3	8951	14.3
	1990	4	11.4	9819	15.7
	1991	6	17.1	10077	16.1
	1992	4	11.4	10157	16.2
	1993-1994	9	25.7	14547	23.2
Dialysis in First Week After Transplant*	Yes	1	2.9	5716	9.1
	No	13	37.1	26528	42.4
	Not Reported	0	0.0	949	1.5
	N/A*: Yes	5	14.3	7249	11.6
	N/A*: No	16	45.7	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	12	34.3	13559	21.7
	No	2	5.7	19634	31.4
	N/A*: Yes	17	48.6	12277	19.6
	N/A*: No	4	11.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

**Response From: Children's Hospital of Wisconsin
9000 W. Wisconsin Avenue, Milwaukee, WI 53201
Provider Number 523300 (WICH)**


May 21, 1997

Children's Hospital of Wisconsin's Kidney Transplant Program was begun in December 1986. From January 1, 1988 to April 30, 1994, 35 pediatric renal transplants have been performed at Children's Hospital.

Children's Hospital of Wisconsin has a strong commitment to quality improvement in the transplant program. This is reflected in the increase in graft and patient survival rates in Era 2 of this report. Evaluation and changes in protocols and improved patient education and case management have resulted in meeting the expected survival rates.

The Kidney Transplant Program at Children's Hospital of Wisconsin continues to be dedicated to its philosophy of family centered care, in which the family is an important member of the multidisciplinary team. Our patient care during all phases of transplant is a direct reflection of this philosophy.

Cynthia G. Pan, M.D.
Medical Director,
End-Stage Renal Disease Program



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Froedtert Memorial Lutheran Hospital - Milwaukee WI
Provider Number 520177 (WISE)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	476	89.3	85.8	179	91.6	89.2	655	654	66	89.9	86.7	3.2	0.01*
1 Year	476	82.6	79.5	179	84.3	83.6	655	642	110	83.1	80.6	2.4	0.10
Cond. ³ 3 Years	381	93.4	90.9				381	347	24	93.4	90.9	2.5	0.08
3 Years ³		77.1	72.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	465	96.2	95.8	179	96.0	97.1	637	631.5	24.3	96.2	96.2	-0.0	0.96
1 Year	465	92.4	92.1	179	93.0	93.8	637	614.5	46.3	92.6	92.6	0.0	0.97
Cond. ³ 3 Years	417	92.6	92.5				417	390.5	30.0	92.6	92.5	0.0	0.98
3 Years ³		85.5	85.2										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Froedtert Memorial Lutheran Hospital - Milwaukee WI
Provider Number 520177 (WISE)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		655	100.0	62572	100.0
Donor Type	Living	115	17.6	14525	23.2
	Cadaveric: Stroke	200	30.5	15624	25.0
	Cadaveric: MVA	117	17.9	13317	21.3
	Cadaveric: Other	223	34.0	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	102	15.6	10738	17.2
	18-30	199	30.4	19464	31.1
	31-45	208	31.8	18538	29.6
	46-60	121	18.5	11397	18.2
	61+	25	3.8	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	555	84.7	49654	79.4
	Black	75	11.5	6469	10.3
	Hispanic	17	2.6	4943	7.9
	Asian	2	0.3	801	1.3
	Other	6	0.9	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	263	40.2	25808	41.2
	Male	392	59.8	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	114	17.4	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	39	6.0	5889	9.4
	Cadaveric: 12-21	210	32.1	16112	25.7
	Cadaveric: 22-31	169	25.8	14287	22.8
	Cadaveric: 32-41	91	13.9	7669	12.3
	Cadaveric: 42+	30	4.6	2519	4.0
	Not Reported	2	0.3	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	59	9.0	5935	9.5
	1	33	5.0	3484	5.6
	2	90	13.7	9648	15.4
	3	165	25.2	16005	25.6
	4	169	25.8	14003	22.4
	5	93	14.2	8963	14.3
	6	29	4.4	3009	4.8
	Not Reported	17	2.6	1525	2.4
Recipient Age	0-17	6	0.9	3951	6.3
	18-35	202	30.8	20414	32.6
	36-45	155	23.7	16397	26.2
	46-60	221	33.7	17170	27.4
	61+	70	10.7	4627	7.4
	Not Reported	1	0.2	13	0.0
Recipient Race	White	467	71.3	41213	65.9
	Black	144	22.0	12675	20.3
	Hispanic	22	3.4	5632	9.0
	Asian	9	1.4	1740	2.8
	Other	13	2.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	254	38.8	25078	40.1
	Male	401	61.2	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	594	90.7	59783	95.5
	Kidney and Pancreas	61	9.3	2789	4.5
Previous Kidney Transplant	No	590	90.1	54138	86.5
	Yes	65	9.9	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	389	59.4	19677	31.4
	1-5	165	25.2	23207	37.1
	6-10	44	6.7	5736	9.2
	11+	56	8.5	5280	8.4
	Not Reported	1	0.2	8672	13.9
Peak PRA Prior to Transplant	0	19	2.9	20469	32.7
	1- 19	350	53.4	26645	42.6
	20- 79	197	30.1	9976	15.9
	80-100	87	13.3	4277	6.8
	Not Reported	2	0.3	1205	1.9

		---- Program ----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	100	15.3	11726	18.7
	21-25	270	41.2	23821	38.1
	26-30	173	26.4	12454	19.9
	31+	83	12.7	5762	9.2
	Not Reported	29	4.4	8809	14.1
Primary Kidney Disease	Glomerular	172	26.3	16923	27.0
	Cystic/Congenital	77	11.8	7349	11.7
	Systemic	111	16.9	11759	18.8
	Tubulointerstitial	35	5.3	4233	6.8
	Diabetes	187	28.5	14059	22.5
	Other Diagnosis	44	6.7	5271	8.4
	Not Reported	29	4.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	655	100.0	59280	94.7
	Hospitalized	0	0.0	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	0	0.0	906	1.4
Year of Transplant	1988	106	16.2	9021	14.4
	1989	100	15.3	8951	14.3
	1990	128	19.5	9819	15.7
	1991	118	18.0	10077	16.1
	1992	74	11.3	10157	16.2
	1993-1994	129	19.7	14547	23.2
Dialysis in First Week After Transplant*	Yes	16	2.4	5716	9.1
	No	363	55.4	26528	42.4
	Not Reported	2	0.3	949	1.5
	N/A*: Yes	26	4.0	7249	11.6
	N/A*: No	245	37.4	21509	34.4
	N/A*: Not Reported	3	0.5	621	1.0
Rejection in First 6 Months After Transplant*	Yes	146	22.3	13559	21.7
	No	235	35.9	19634	31.4
	N/A*: Yes	155	23.7	12277	19.6
	N/A*: No	119	18.2	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

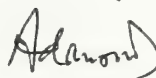
**Response From: Froedtert Memorial Lutheran Hospital
9200 W. Wisconsin Avenue, Milwaukee, WI 53226
Provider Number 520177 (WISE)**

May 8, 1997

The Medical College of Wisconsin/Froedtert Memorial Lutheran Hospital Transplant Program is pleased to report patient and graft survival rates for renal transplantation which equal or exceed expected national rates for our patient case mix. The success of this program is a tribute to the dedication of the transplant team in continuing to improve all aspects of the treatment process during the 30 year history of the transplant program.

As part of Froedtert Hospital's commitment to the provision of a full range of solid organ and bone marrow transplantation options, the renal transplant program serves as a model for the implementation of a patient focused, multidisciplinary transplant effort. The success of this approach is demonstrated by the clinical outcomes presented in this report.

Mark B. Adams, M.D., M.S.
Director, Organ Transplantation Program



Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for University of Wisconsin Hospital and Clinics - Madison WI
Provider Number 520098 (WIUW)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	849	93.3	89.1	524	92.2	91.0	1373	1373	98	92.9	89.8	3.0	<0.01*
1 Year	849	90.1	83.9	524	88.0	85.9	1373	1365	147	89.3	84.6	4.6	<0.01*
Cond. ³ 3 Years	756	94.5	93.0				756	735	41	94.5	93.0	1.5	0.09
3 Years ³		85.1	77.9										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	824	98.8	96.7	511	98.6	97.1	1325	1313.3	17.0	98.7	96.9	1.8	<0.01*
1 Year	824	97.5	93.5	511	95.8	93.7	1325	1300.8	41.0	96.9	93.6	3.3	<0.01*
Cond. ³ 3 Years	794	95.5	93.9				794	777.2	35.5	95.5	93.9	1.5	0.06
3 Years ³		93.1	87.8										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

University of Wisconsin Hospital and Clinics - Madison WI
Provider Number 520098 (WIUW)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		1373	100.0	62572	100.0
Donor Type	Living	360	26.2	14525	23.2
	Cadaveric: Stroke	315	22.9	15624	25.0
	Cadaveric: MVA	358	26.1	13317	21.3
	Cadaveric: Other	339	24.7	19030	30.4
	Not Reported	1	0.1	76	0.1
Donor Age	0-17	176	12.8	10738	17.2
	18-30	417	30.4	19464	31.1
	31-45	482	35.1	18538	29.6
	46-60	260	18.9	11397	18.2
	61+	37	2.7	2394	3.8
	Not Reported	1	0.1	41	0.1
Donor Race	White	1300	94.7	49654	79.4
	Black	41	3.0	6469	10.3
	Hispanic	9	0.7	4943	7.9
	Asian	5	0.4	801	1.3
	Other	15	1.1	620	1.0
	Not Reported	3	0.2	85	0.1
Donor Gender	Female	558	40.6	25808	41.2
	Male	815	59.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	327	23.8	10970	17.5
	Living: 3-5	0	0.0	640	1.0
	Living: 6+	7	0.5	551	0.9
	Cadaveric: 0-11	116	8.4	5889	9.4
	Cadaveric: 12-21	234	17.0	16112	25.7
	Cadaveric: 22-31	247	18.0	14287	22.8
	Cadaveric: 32-41	299	21.8	7669	12.3
	Cadaveric: 42+	75	5.5	2519	4.0
	Not Reported	68	5.0	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	151	11.0	5935	9.5
	1	55	4.0	3484	5.6
	2	196	14.3	9648	15.4
	3	309	22.5	16005	25.6
	4	327	23.8	14003	22.4
	5	196	14.3	8963	14.3
	6	87	6.3	3009	4.8
	Not Reported	52	3.8	1525	2.4
Recipient Age	0-17	49	3.6	3951	6.3
	18-35	481	35.0	20414	32.6
	36-45	396	28.8	16397	26.2
	46-60	347	25.3	17170	27.4
	61+	100	7.3	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	1240	90.3	41213	65.9
	Black	70	5.1	12675	20.3
	Hispanic	26	1.9	5632	9.0
	Asian	15	1.1	1740	2.8
	Other	22	1.6	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	541	39.4	25078	40.1
	Male	832	60.6	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	1088	79.2	59783	95.5
	Kidney and Pancreas	285	20.8	2789	4.5
Previous Kidney Transplant	No	1210	88.1	54138	86.5
	Yes	163	11.9	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	140	10.2	19677	31.4
	1-5	874	63.7	23207	37.1
	6-10	154	11.2	5736	9.2
	11+	77	5.6	5280	8.4
	Not Reported	128	9.3	8672	13.9
Peak PRA Prior to Transplant	0	372	27.1	20469	32.7
	1- 19	664	48.4	26645	42.6
	20- 79	246	17.9	9976	15.9
	80-100	85	6.2	4277	6.8
	Not Reported	6	0.4	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	260	18.9	11726	18.7
	21-25	627	45.7	23821	38.1
	26-30	307	22.4	12454	19.9
	31+	115	8.4	5762	9.2
	Not Reported	64	4.7	8809	14.1
Primary Kidney Disease	Glomerular	270	19.7	16923	27.0
	Cystic/Congenital	143	10.4	7349	11.7
	Systemic	134	9.8	11759	18.8
	Tubulointerstitial	75	5.5	4233	6.8
	Diabetes	591	43.0	14059	22.5
	Other Diagnosis	99	7.2	5271	8.4
	Not Reported	61	4.4	2978	4.8
Recipient Description at Transplant	Not Hospitalized	1343	97.8	59280	94.7
	Hospitalized	14	1.0	1917	3.1
	ICU/Life Support	5	0.4	469	0.7
	Not Reported	11	0.8	906	1.4
Year of Transplant	1988	191	13.9	9021	14.4
	1989	184	13.4	8951	14.3
	1990	187	13.6	9819	15.7
	1991	213	15.5	10077	16.1
	1992	239	17.4	10157	16.2
	1993-1994	359	26.1	14547	23.2
Dialysis in First Week After Transplant*	Yes	60	4.4	5716	9.1
	No	692	50.4	26528	42.4
	Not Reported	4	0.3	949	1.5
	N/A*: Yes	85	6.2	7249	11.6
	N/A*: No	530	38.6	21509	34.4
	N/A*: Not Reported	2	0.1	621	1.0
Rejection in First 6 Months After Transplant*	Yes	360	26.2	13559	21.7
	No	396	28.8	19634	31.4
	N/A*: Yes	274	20.0	12277	19.6
	N/A*: No	343	25.0	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for Charleston Area Medical Center - Charleston WV
Provider Number 510022 (WVCA)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	109	90.8	87.8	56	96.4	90.0	165	164	12	92.7	88.6	4.2	0.09
1 Year	109	84.2	82.6	56	92.9	84.6	165	163	21	87.2	83.3	3.9	0.17
Cond. ³ 3 Years	90	94.4	91.4				90	86	5	94.4	91.4	3.0	0.31
3 Years ³		79.5	75.5										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	107	94.4	96.7	56	96.4	97.1	162	161.0	8.0	95.1	96.9	-1.8	0.18
1 Year	107	90.0	93.8	56	96.4	93.9	162	158.0	12.5	92.2	93.8	-1.6	0.38
Cond. ³ 3 Years	94	93.5	93.8				94	92.0	6.0	93.5	93.8	-0.2	0.92
3 Years ³		84.2	87.9										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

Charleston Area Medical Center - Charleston WV
Provider Number 510022 (WVCA)

		----- Program-----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		165	100.0	62572	100.0
Donor Type	Living	41	24.8	14525	23.2
	Cadaveric: Stroke	31	18.8	15624	25.0
	Cadaveric: MVA	47	28.5	13317	21.3
	Cadaveric: Other	46	27.9	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	33	20.0	10738	17.2
	18-30	47	28.5	19464	31.1
	31-45	58	35.2	18538	29.6
	46-60	19	11.5	11397	18.2
	61+	8	4.8	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	153	92.7	49654	79.4
	Black	12	7.3	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	64	38.8	25808	41.2
	Male	101	61.2	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	36	21.8	10970	17.5
	Living: 3-5	2	1.2	640	1.0
	Living: 6+	0	0.0	551	0.9
	Cadaveric: 0-11	13	7.9	5889	9.4
	Cadaveric: 12-21	27	16.4	16112	25.7
	Cadaveric: 22-31	43	26.1	14287	22.8
	Cadaveric: 32-41	29	17.6	7669	12.3
	Cadaveric: 42+	6	3.6	2519	4.0
	Not Reported	9	5.5	3935	6.3

		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	18	10.9	5935	9.5
	1	12	7.3	3484	5.6
	2	25	15.2	9648	15.4
	3	46	27.9	16005	25.6
	4	30	18.2	14003	22.4
	5	19	11.5	8963	14.3
	6	11	6.7	3009	4.8
	Not Reported	4	2.4	1525	2.4
Recipient Age	0-17	12	7.3	3951	6.3
	18-35	48	29.1	20414	32.6
	36-45	40	24.2	16397	26.2
	46-60	47	28.5	17170	27.4
	61+	18	10.9	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	147	89.1	41213	65.9
	Black	18	10.9	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	58	35.2	25078	40.1
	Male	107	64.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	165	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	143	86.7	54138	86.5
	Yes	22	13.3	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	20	12.1	19677	31.4
	1-5	99	60.0	23207	37.1
	6-10	15	9.1	5736	9.2
	11+	13	7.9	5280	8.4
	Not Reported	18	10.9	8672	13.9
Peak PRA Prior to Transplant	0	33	20.0	20469	32.7
	1- 19	89	53.9	26645	42.6
	20- 79	30	18.2	9976	15.9
	80-100	12	7.3	4277	6.8
	Not Reported	1	0.6	1205	1.9

		----- Program-----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	25	15.2	11726	18.7
	21-25	72	43.6	23821	38.1
	26-30	41	24.8	12454	19.9
	31+	27	16.4	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	34	20.6	16923	27.0
	Cystic/Congenital	21	12.7	7349	11.7
	Systemic	48	29.1	11759	18.8
	Tubulointerstitial	13	7.9	4233	6.8
	Diabetes	38	23.0	14059	22.5
	Other Diagnosis	10	6.1	5271	8.4
	Not Reported	1	0.6	2978	4.8
Recipient Description at Transplant	Not Hospitalized	157	95.2	59280	94.7
	Hospitalized	7	4.2	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	0.6	906	1.4
Year of Transplant	1988	27	16.4	9021	14.4
	1989	29	17.6	8951	14.3
	1990	22	13.3	9819	15.7
	1991	19	11.5	10077	16.1
	1992	33	20.0	10157	16.2
	1993-1994	35	21.2	14547	23.2
Dialysis in First Week After Transplant*	Yes	29	17.6	5716	9.1
	No	58	35.2	26528	42.4
	Not Reported	3	1.8	949	1.5
	N/A*: Yes	21	12.7	7249	11.6
	N/A*: No	52	31.5	21509	34.4
	N/A*: Not Reported	2	1.2	621	1.0
Rejection in First 6 Months After Transplant*	Yes	38	23.0	13559	21.7
	No	52	31.5	19634	31.4
	N/A*: Yes	10	6.1	12277	19.6
	N/A*: No	65	39.4	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994

Survival Report for West Virginia University Hospital - Morgantown WV
Provider Number 510001 (WVWU)Graft Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	Act. Rate (%)	Exp. Rate (%)	No. of TX	No. ¹ w/CFU	No. Failed	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	55	81.8	85.5	17	94.1	87.1	72	72	11	84.7	85.9	-1.2	0.77
1 Year	55	76.4	79.9	17	81.8	81.2	72	70	16	77.6	80.2	-2.6	0.57
Cond. ³ 3 Years	42	97.4	92.8				42	37	1	97.4	92.8	4.6	0.27
3 Years ³		74.4	74.2										

Patient Survival

	Era 1: 1/1/88-4/30/92			Era 2: 5/1/92-4/30/94			Overall: 1/1/88-4/30/94						
Time Point	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	Act. Rate (%)	Exp. Rate (%)	No. of Pts. ⁴	No. ^{1,5} w/CFU	No. ⁵ Died	Act. Rate (%)	Exp. Rate (%)	Diff. (%)	p- ² value
3 Months	52	96.0	96.5	17	100.0	97.5	67	66.5	2.0	97.0	96.7	0.3	0.91
1 Year	52	92.1	93.1	17	93.3	94.5	67	62.5	5.0	92.4	93.4	-1.0	0.72
Cond. ³ 3 Years	48	94.5	93.0				48	44.5	2.5	94.5	93.0	1.4	0.71
3 Years ³		87.0	86.6										

Notes: ¹ No. with complete follow-up (CFU) is the total of the number of patients (grafts) whose status was known during the specified time interval.

² A p-value followed by an * indicates that the difference is statistically significant at the 0.05 level.

³ Conditional 3 year survival rates are the survival rates conditional on survival at 1 year. These are computed based on transplants between 1/1/88 and 4/30/92. Three year survival rates are computed by multiplying the 1 year and the conditional 3 year survival rates.

⁴ The numbers of patients in Era 1 and Era 2 do not necessarily add up to the number of patients in the overall period, due to repeat transplants in different eras for some patients.

⁵ No. w/CFU or No. Died may be fractional if patients received more than one transplant at the program.

Source: UNOS OPTN/Scientific Registry data.

Kidney Transplants: January 1, 1988 - April 30, 1994
Donor and Recipient Characteristics: Program and National Frequencies

West Virginia University Hospital - Morgantown WV
Provider Number 510001 (WVWU)

		----- Program -----		--- National ---	
		Number	%	Number	%
Total Transplants and Percentages		72	100.0	62572	100.0
Donor Type	Living	18	25.0	14525	23.2
	Cadaveric: Stroke	25	34.7	15624	25.0
	Cadaveric: MVA	14	19.4	13317	21.3
	Cadaveric: Other	15	20.8	19030	30.4
	Not Reported	0	0.0	76	0.1
Donor Age	0-17	5	6.9	10738	17.2
	18-30	21	29.2	19464	31.1
	31-45	24	33.3	18538	29.6
	46-60	17	23.6	11397	18.2
	61+	5	6.9	2394	3.8
	Not Reported	0	0.0	41	0.1
Donor Race	White	70	97.2	49654	79.4
	Black	2	2.8	6469	10.3
	Hispanic	0	0.0	4943	7.9
	Asian	0	0.0	801	1.3
	Other	0	0.0	620	1.0
	Not Reported	0	0.0	85	0.1
Donor Gender	Female	40	55.6	25808	41.2
	Male	32	44.4	36762	58.8
	Not Reported	0	0.0	2	0.0
Cold Ischemic Time (Hours) by Donor Type	Living: 0-2	14	19.4	10970	17.5
	Living: 3-5	3	4.2	640	1.0
	Living: 6+	1	1.4	551	0.9
	Cadaveric: 0-11	0	0.0	5889	9.4
	Cadaveric: 12-21	12	16.7	16112	25.7
	Cadaveric: 22-31	27	37.5	14287	22.8
	Cadaveric: 32-41	11	15.3	7669	12.3
	Cadaveric: 42+	2	2.8	2519	4.0
	Not Reported	2	2.8	3935	6.3

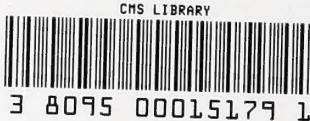
		----- Program-----		--- National ---	
		Number	%	Number	%
Level of Mismatch	0	4	5.6	5935	9.5
	1	3	4.2	3484	5.6
	2	15	20.8	9648	15.4
	3	19	26.4	16005	25.6
	4	15	20.8	14003	22.4
	5	8	11.1	8963	14.3
	6	3	4.2	3009	4.8
	Not Reported	5	6.9	1525	2.4
Recipient Age	0-17	0	0.0	3951	6.3
	18-35	32	44.4	20414	32.6
	36-45	19	26.4	16397	26.2
	46-60	13	18.1	17170	27.4
	61+	8	11.1	4627	7.4
	Not Reported	0	0.0	13	0.0
Recipient Race	White	70	97.2	41213	65.9
	Black	2	2.8	12675	20.3
	Hispanic	0	0.0	5632	9.0
	Asian	0	0.0	1740	2.8
	Other	0	0.0	1231	2.0
	Not Reported	0	0.0	81	0.1
Recipient Gender	Female	34	47.2	25078	40.1
	Male	38	52.8	37493	59.9
	Not Reported	0	0.0	1	0.0
Procedure Type	Kidney Alone	72	100.0	59783	95.5
	Kidney and Pancreas	0	0.0	2789	4.5
Previous Kidney Transplant	No	62	86.1	54138	86.5
	Yes	10	13.9	8247	13.2
	Not Reported	0	0.0	187	0.3
Pretransplant Transfusions	0	35	48.6	19677	31.4
	1-5	15	20.8	23207	37.1
	6-10	1	1.4	5736	9.2
	11+	6	8.3	5280	8.4
	Not Reported	15	20.8	8672	13.9
Peak PRA Prior to Transplant	0	5	6.9	20469	32.7
	1- 19	21	29.2	26645	42.6
	20- 79	42	58.3	9976	15.9
	80-100	4	5.6	4277	6.8
	Not Reported	0	0.0	1205	1.9

		----- Program -----		--- National ---	
		Number	%	Number	%
Body Mass Index	0-20	13	18.1	11726	18.7
	21-25	27	37.5	23821	38.1
	26-30	20	27.8	12454	19.9
	31+	12	16.7	5762	9.2
	Not Reported	0	0.0	8809	14.1
Primary Kidney Disease	Glomerular	17	23.6	16923	27.0
	Cystic/Congenital	4	5.6	7349	11.7
	Systemic	17	23.6	11759	18.8
	Tubulointerstitial	3	4.2	4233	6.8
	Diabetes	25	34.7	14059	22.5
	Other Diagnosis	2	2.8	5271	8.4
	Not Reported	4	5.6	2978	4.8
Recipient Description at Transplant	Not Hospitalized	68	94.4	59280	94.7
	Hospitalized	3	4.2	1917	3.1
	ICU/Life Support	0	0.0	469	0.7
	Not Reported	1	1.4	906	1.4
Year of Transplant	1988	8	11.1	9021	14.4
	1989	15	20.8	8951	14.3
	1990	15	20.8	9819	15.7
	1991	15	20.8	10077	16.1
	1992	8	11.1	10157	16.2
	1993-1994	11	15.3	14547	23.2
Dialysis in First Week After Transplant*	Yes	12	16.7	5716	9.1
	No	27	37.5	26528	42.4
	Not Reported	3	4.2	949	1.5
	N/A*: Yes	15	20.8	7249	11.6
	N/A*: No	15	20.8	21509	34.4
	N/A*: Not Reported	0	0.0	621	1.0
Rejection in First 6 Months After Transplant*	Yes	21	29.2	13559	21.7
	No	21	29.2	19634	31.4
	N/A*: Yes	10	13.9	12277	19.6
	N/A*: No	20	27.8	17102	27.3

* The data shown for dialysis and rejection, used to model the conditional 3 year survival outcomes, were based on all transplants from 1/88 through 4/94. Note that the numbers in the N/A categories are those that were not used in the conditional analysis due to early graft failure or later transplant event after 4/92.

Source: UNOS OPTN/Scientific Registry data.





**Department of Health
and Human Services**
Health Resources and Services
Administration

Kidney Volume 1
ISBN 1-886651-14-0
ISBN 1-886651-17-5
ISSN 1079-3666



United Network for Organ Sharing